

 **Roland**

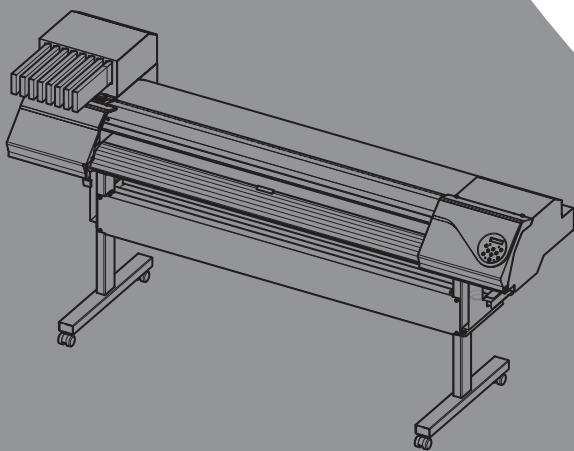
VS-640i

VS-540i

VS-300i

Roland VersaWorks

SPECIAL COLOR INK GUIDE

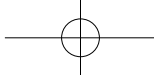


MT WH

(Metallic Silver & White)

When you use metallic silver ink and white ink, be sure to read this first.

This document describes the characteristics of special color inks (white ink and metallic silver ink) used with VS-640i/540i/300i, important notes, maintenance, and printing method using these inks. For other matters, refer to Setup Guide and User's Manual of your printer.



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Chapter 1

Getting Started

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1-1 What This Document Assumes and Related Manuals

What This Document Assumes

Before performing any operations described in this guide, make sure that all the following preparations have been complete.

- Hardware setup, such as the assembly and installation of VS-640i/540i/300i (hereinafter, the printer)
- Installing VersaWorks on your computer, and connecting the computer to the printer via a network.

Related Manuals

Read the following documentation for information about setting up this machine and VersaWorks.

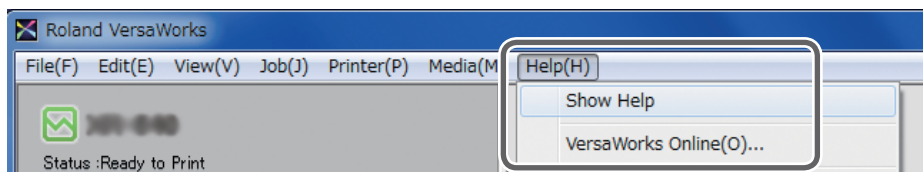
① Setup Guide	This manual describes details about how to make the printer ready for use and where it should be installed. Be sure to read this manual.
② User's Manual	This manual describes operation methods in detail. After you've read the Setup Guide, be sure to read this manual.
③ Roland VersaWorks Quick Start Guide	Chapter 1 of this manual, "Setting for VersaWorks," provides you with instructions necessary to perform printing with VersaWorks, including how to install the software. Be sure to read this chapter following the above User's Manual. You are also recommended to read Chapter 2, "Getting Started," to become familiar with how to use this program.

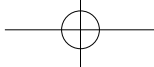
VersaWorks Online

This document describes the important notes to use the metallic silver ink and the white ink as well as the basic printing method using these inks. You can get the latest information about Roland VersaWorks and the information on printing methods requiring more complex settings by viewing VersaWorks Online. If you want to learn more about the features of Roland VersaWorks, or if you want to use metallic silver ink and the white ink more effectively, be sure to visit VersaWorks Online.

URL : <http://dg4.roland.co.jp/en/RVW2forWeb/index.html>

VersaWorks Online can be displayed by clicking [Help] - [VersaWorks Online] from the main menu.





1-2 Before Starting Operations

***If equipped with both Metallic Silver ink and White ink, Lk (Light Black) ink is not used. Ignore "Lk" in this manual.**

Important: Characteristics of Inks and Important Notes

The usage and handling of white ink and metallic silver ink involve some important considerations that do not apply to ink of other colors. Be sure to familiarize yourself with the characteristics of the inks before you use them.

White Ink and Metallic Silver Ink Precipitate.

If they are allowed to stand, the precipitates in them may solidify and cause clogging of the print heads or other malfunction. Be sure to observe the cautions in this manual.

Maintenance Must be Performed.

- Always keep the main power switched on. If the main power is switched off, the automatic maintenance function stops working, and it may result in malfunction.
- We recommend that you operate the printer at least once a week.
- If the printer is left unused for a long period of time, ink precipitation may occur, causing unstable ink discharge, which may result in dot drop-out, etc. In such cases, the precipitated and solidified ink needs to be cleared.

☞ P. 62, "When Dot Drop-out Etc. Cannot be Corrected"

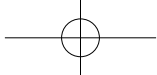
Drying Inks

- After output, allow the ink to dry sufficiently. Note that white ink and metallic silver ink in particular require printing at a high density, and so are more difficult to dry than CMYKLcLmLk inks.
- We recommend to use an optional dryer.

☞ P. 7, "Precautions When Using an Optional Dryer"

We Strongly Recommend Lamination.

Depending on conditions, the weatherability of metallic silver ink and white ink may be inferior to that of CMYKLcLmLk inks. Therefore, laminating is strongly recommended.



1-3 Important Notes on Printing

***If equipped with both Metallic Silver ink and White ink, Lk (Light Black) ink is not used. Ignore "Lk" in this manual.**

Using the Middle Pinch Rollers in Printing and Cutting

Since metallic silver ink and white ink are difficult to dry, the middle pinch rollers will smudge the printed surface when printing and cutting are performed. Thus, when you perform printing and cutting using metallic silver ink and/or white ink, secure the media in place using only two pinch rollers on the right and the left. However, some types of the media may partially float and it may cause bad effect on printing, feeding and/or cutting. Use the media after confirmation of the nature of your media.

Important Notes on Using Media Take-up System

Since metallic silver ink and white ink are difficult to dry, if you use the media take-up system (at your option), media and/or the printed surface may be smudged depending on the type of media you use. If you use the media take-up system leaving the middle pinch rollers removed, some types of the media may not be taken up normally and/or cause bad effect on printing, feeding and/or cutting quality as well as partial float of the media. Be sure to use the media take-up system on confirmation of the nature and compatibility of your media.

Important Notes in Using Transparent Media

Loading Transparent Media

- Set the [EDGE DETECTION] menu item to "DISABLE". Transparent media cannot be loaded unless this setting is made.
- Ensure a margin of at least 75 mm from the leading edge of the media to the printing- or cutting-start location.

Important Notes On The Amount Of Media Remaining

- When you use transparent media, the presence of media cannot be detected. In such cases, printing operation does not stop when the media runs out, and there is a chance that the platen or the like may become soiled with ink or that ink may get inside and damage the machine.
- If media runs out while printing is in progress, immediately press **PAUSE** to stop printing.

Using The Middle Pinch Rollers

The middle pinch rollers scratch media slightly, and on transparent media such scratches can be very noticeable. Also, the middle pinch rollers will smudge the printed surface when transparent media is pulled back after printing. When you use transparent media, secure the media in place using only two pinch rollers on the right and the left.

Automatic Crop-mark Detection

Automatic crop-mark detection may not be possible for some media, such as transparent media. In such cases, perform alignment manually.

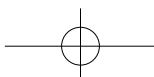
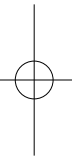
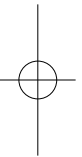
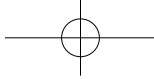
Precautions When Using an Optional Dryer

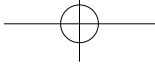
Use an Optional Dryer We Recommend.

Contact your authorized Roland DG Corp. dealer for recommended dryer models.

Select “ENABLE” in the [OPTION DRYER] Menu.

This setting is required to operate the printer together with an optional dryer.





Chapter 2

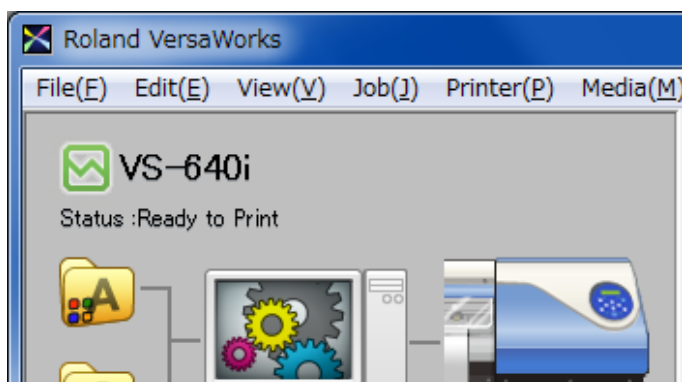
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2-1 Preparing VersaWorks

Starting VersaWorks

On the computer you are using, start VersaWorks. For information on how to start the program, see the Roland VersaWorks Quick Start Guide. After starting the program, go to the upper left of the main screen and check to make sure that "Model (or Nickname) of Your Printer" is displayed, and that "Status" is set to "Ready to Print."

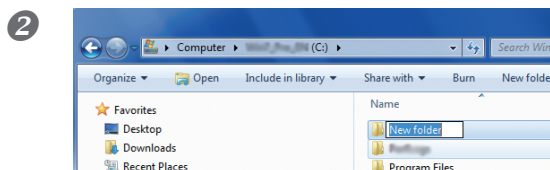


Creating a Folder for Saving PS Files

Before you actually print an image you draw using application software such as Adobe Illustrator, it is necessary to save the image as a PS file(s). And then, you can print the image by loading the PS file(s) on VersaWorks. Because of this, you should create a folder for saving PS files in advance. It is recommended to locate the folder in the root directory on your computer's local disk.

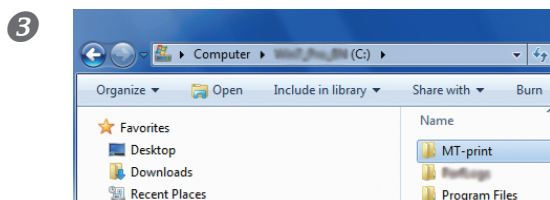
Procedure

- 1 Open [Computer] (or [My Computer]), and then open [Local Disk (C:)].



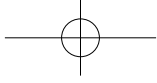
Create a new folder.

Click [File] , [Create New], and then [Folder], or click "New Folder" from the menu.



Name the created new folder.

Here you name the folder "MT_print", for example.



2-2 Printer Preparations

Making the Printer Settings and Loading Media

When Using Transparent Media

When you're using transparent media, make the necessary printing settings on the printer and load the media accordingly.

Procedure

- ❶ In the menu of the printer, set [EDGE DETECTION] to "DISABLE."
- ❷ Load media (transparent media or transparent media with adhesive) into the printer.
 - When the media warps or partially floats, ensure a margin of about 200 mm from the leading edge of the media to the printing- or cutting-start location.
 - Be sure to use the media clamps when you load media.

When Using Media Other Than Transparent Media

Load the media using the method described in the User's Manual of your printer.

2-3 Creating Printing Data

Basic Approach for Creating Printing Data

When Using Metallic Silver Ink

You can create the printing data according to the two methods below.

- **Specify the spot color so as to use only the metallic silver ink.**

Apply the spot color named "RDG_MetallicSilver" to the areas you want to print using the metallic silver ink.

- **Use the exclusive metallic color special colors library.**

From the exclusive metallic color special colors library, select the metallic color to be used which is the combination color of CMYK LcLmLk ink and metallic silver ink.

When Using White Ink

Specify the spot color named "RDG_WHITE" to the areas you want to print using the white ink.

Creating Data for Printing

Create the data for printing using the metallic silver ink or the white ink.

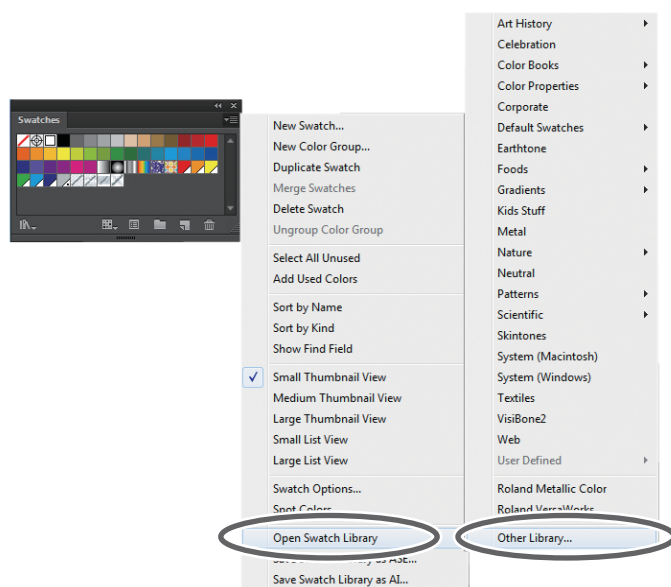
The program used to create the printing data is Adobe Illustrator CS6, in this section. For detailed information on drawing methods and how to work with palettes, refer to the documentation or online help for Adobe Illustrator CS6. If you are using another version of Adobe Illustrator, operations may be somewhat different from those explained here.

1. Open the exclusive swatch library.

- ➊ **At the swatch palette menu, select [Open Swatch Library], then [Other Libraries].**

The "Open" window appears.

The swatch palette is displayed by going to the menu, selecting [Window], and then selecting [Swatch].

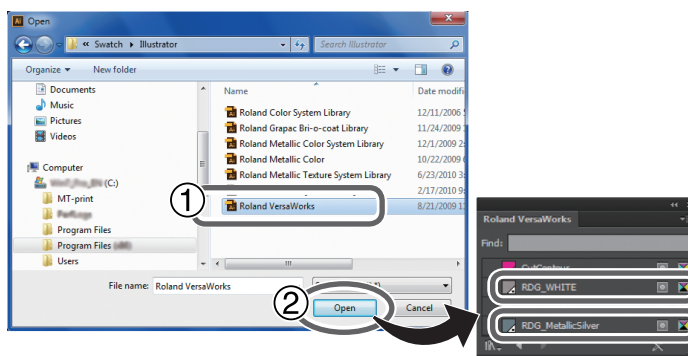


- ② ① Open folders in the order of [Computer] (or [My Computer]) → [OS (C:) (or [Local Disk (C:))]] → [Program Files] → [Roland VersaWorks] → [Swatch] → [Illustrator], then select "Roland VersaWorks.ai"

Depending on the settings of your computer, the extension ".ai" might not be shown.

- ② Click [Open].

The swatch library containing "RDG_MetallicSilver" and "RDG_WHITE" is displayed.

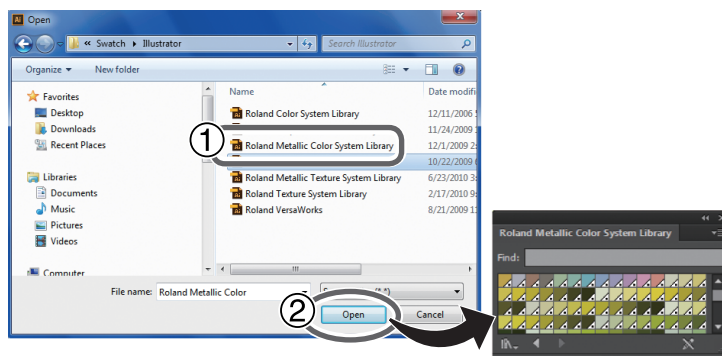


- ③ ① Open the same folders as in step ②, and then select "Roland Metallic Color System Library.ai."

Depending on the settings of your computer, the extension ".ai" might not be shown.

- ② Click [Open].

The swatch library is displayed which is containing the "metallic color" created by mixing the metallic silver ink and CMYKLcLmLk ink.



Tips!

By saving the ".ai" file selected in steps ② and ③ into the folder below, you can register each swatch library to the Adobe Illustrator's library. Once the registration is performed, you can open the library directly from the swatch palette menu, eliminating the need to search the file every time you start Adobe Illustrator.

C:\Program Files\Adobe\Adobe Illustrator CS6\Presets\([language abbreviation])\Swatches

* "C" is the name of your computer's local disk.

*The language abbreviation differs depending on the language used.

*Depending on the Illustrator used, "\Preset\Swatch" may be used instead of "\Presets\([language abbreviation])\Swatch" is "\Preset\Swatch."

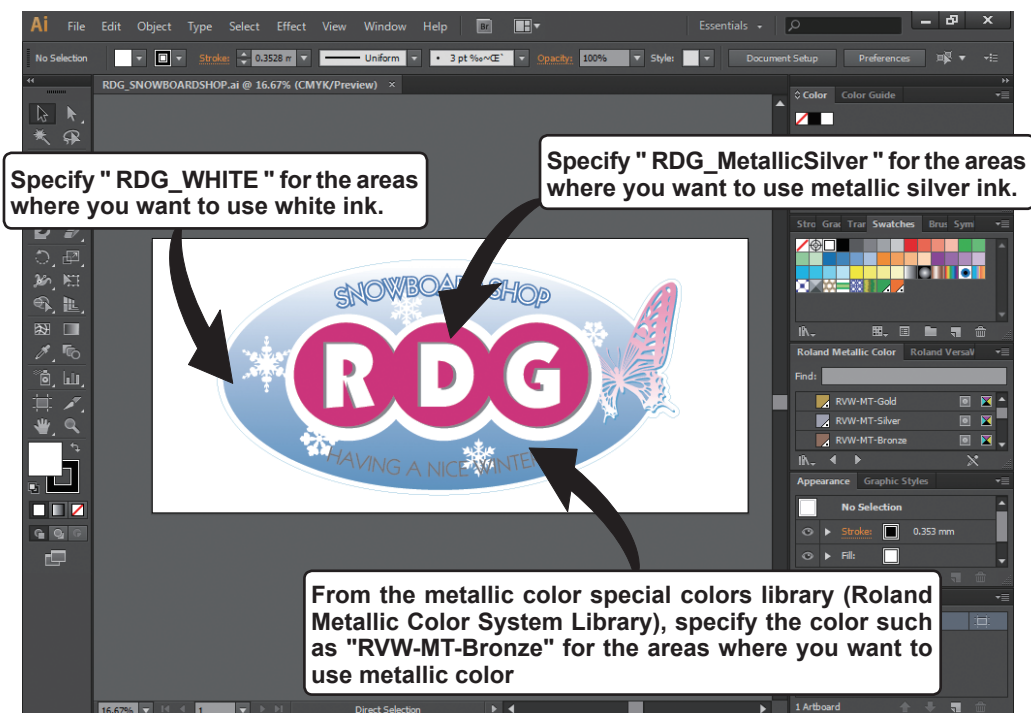
2. Create the illustration, and specify the spot color that matches the color you want to print.

1 Create the illustration.

Be sure to draw the illustration in the CMYK mode.

2 Specify each spot color that matches the color you want to print.

Desired ink or color	Spot color name
Metallic silver ink	RDG_MetallicSilver
White ink	RDG_WHITE
Metallic color (Metallic silver/CMYKLcLmLk combination color)	RVW-MT-Silver, RVW-MT-Bronze, RVW-MTTitanBlack,etc.



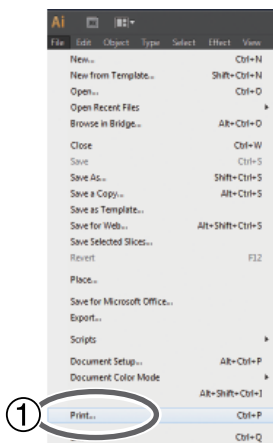
POINT!

Using the metallic silver ink, you can perform the blend print and the layered print by combining the ink with the CMYKLcLmLk ink.

☞ P. 18, "Blend Print and Layered Print (Metallic Silver and CMYKLcLmLk)"

3. Create the PS (PostScript) file.

1



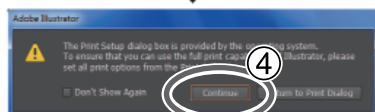
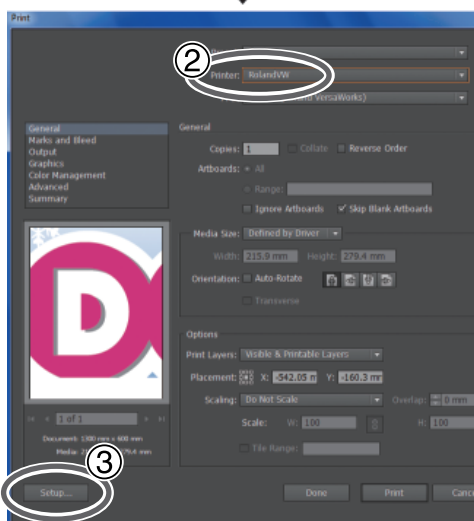
① Select [Print] from the [File] menu.

② Select [Roland VW].

When a nickname is set, or when more than one printer is connected, select "Roland VW_(the nickname of the printer used for output)."

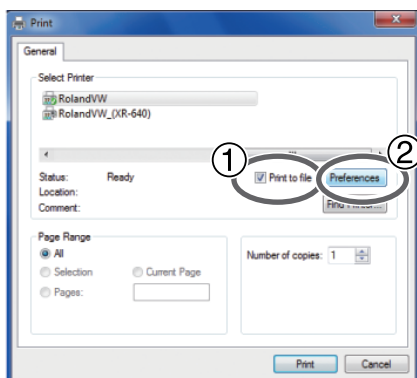
③ Click [Setup].

④ Click [Continue].



2-3 Creating Printing Data

2



① Turn on the [Print to file] option.

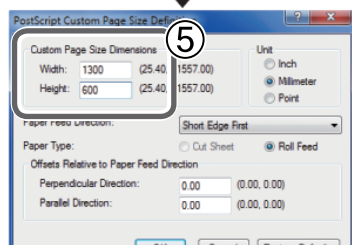
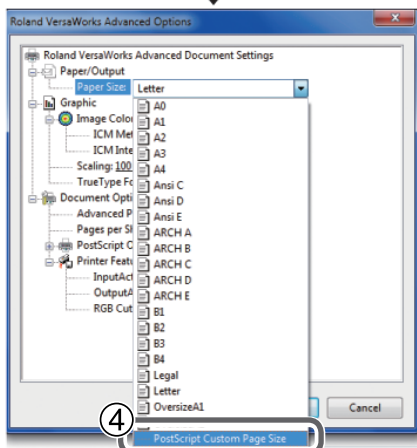
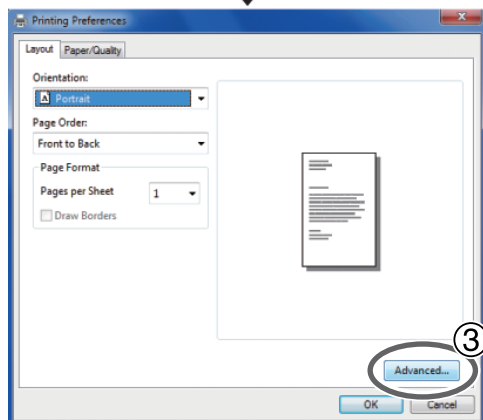
② Click [Preferences].

③ Click [Advanced] in the [Layout] tab.

④ Click the down arrow to the right of the [Paper Size] box, and then click [PostScript Custom Page Size] from the list that appears.

⑤ For "Custom Page Size Dimensions," enter the values in the "Width" and "Height" fields.

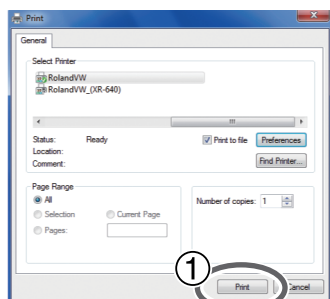
Enter values for the same size as the illustration you created in step 2.



- 3 Click [OK] three times to close the "PostScript Custom Page Size Definition," "Roland VersaWorks Advanced Options," and "Printing Preferences" dialog boxes.

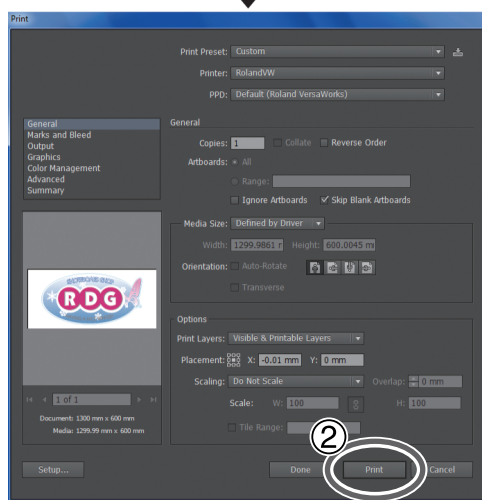
The "Print" dialog box returns.

4

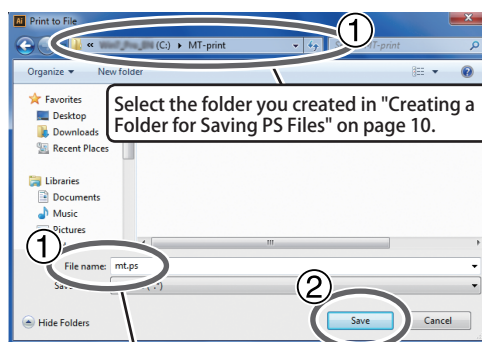


- 1 Click [Print].

- 2 Click [Print].



5



- 1 Specify the destination and file name for saving.

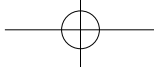
Example: "C:\MT_print" for the folder to save to, and "mt.ps" as the file name

- 2 Click [Save].

The image is saved as a PS file.

Assign the name you want. It may be a good idea to assign a name that indicates that the file uses white and metallic silver ink.

- 6 Open the folder you saved to and make sure the file has been created.



2-3 Creating Printing Data

Blend Print and Layered Print (Metallic Silver and CMYKLcLmLk)

***If equipped with both Metallic Silver ink and White ink, Lk (Light Black) ink is not used. Ignore "Lk" in this manual.**

The blend print and the layer print are printing methods in which the metallic silver ink is combined with the CMYKLcLmLk ink. Both methods enable metallic printing which cannot be available only with the CMYKLcLmLk ink. The blend print and the layer print are different from each other in terms of how to print. They are different also in the metallic impression of CMYKLcLmLk. You can select the blend print or layer print in [Mode] of the print setting. You can select either print mode according to your preference.

- ☞ P. 26, "Blend Print (Metallic Silver + CMYKLcLm)"
- ☞ P. 28, "Layered Print (Metallic Silver ⇄ CMYKLcLm)"
- ☞ P. 30, "Layered Print (CMYKLcLm ⇄ Metallic Silver)"
- ☞ P. 43, "Blend Print (Metallic Silver + CMYKLcLmLk)"
- ☞ P. 45, "Layered Print (Metallic Silver ⇄ CMYKLcLmLk)"

* When you perform "Printing with White, Metallic Silver, and CMYKLcLm Ink" (page 37), the printing method is limited to the blend print.

POINT!

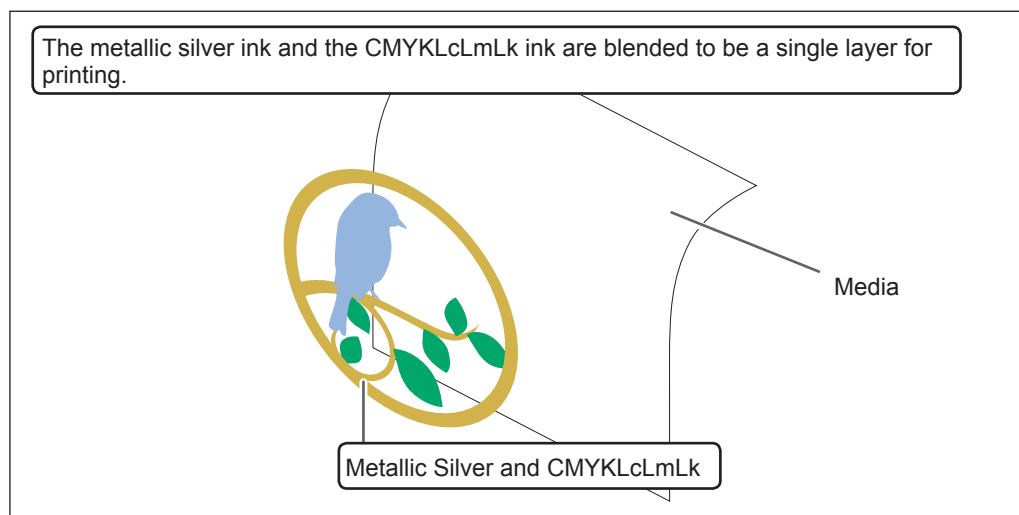
In performing the blend print or the layered print, you can specify the colors from the metallic color special colors library. **However, if you specify the metallic colors with the same names for the blend print and the layered print, the tones of the colors are different between them.** We recommend that you check the tones of the colors by performing the test printing or printing out the Metallic Color Chart.

Seeing the metallic color chart for the layered print, you may feel a slight inconsistency between the names and the tones of the colors. This is because the colors listed in the Metallic Color Chart are named based on those for the blend print.

☞ P. 52, "Printing a Metallic Color Chart (Equipped with Silver)"

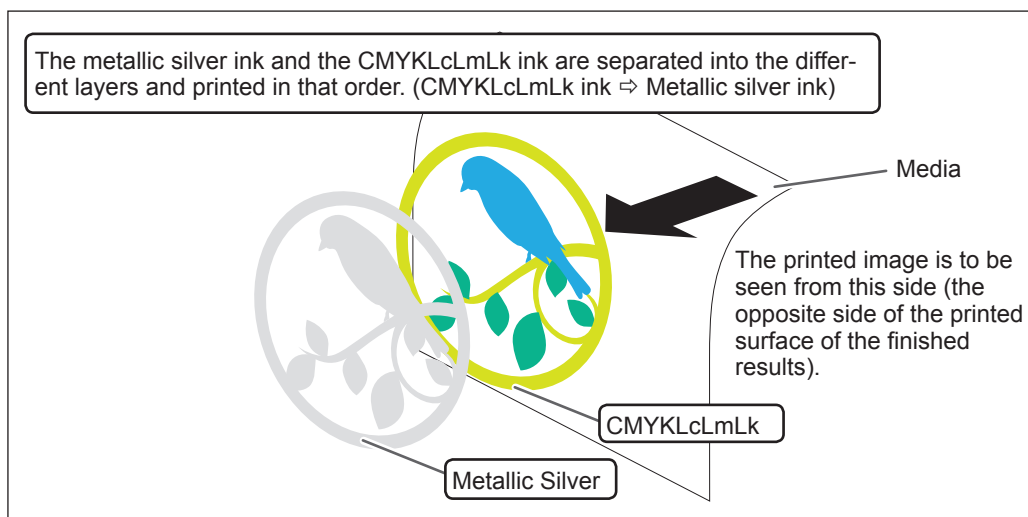
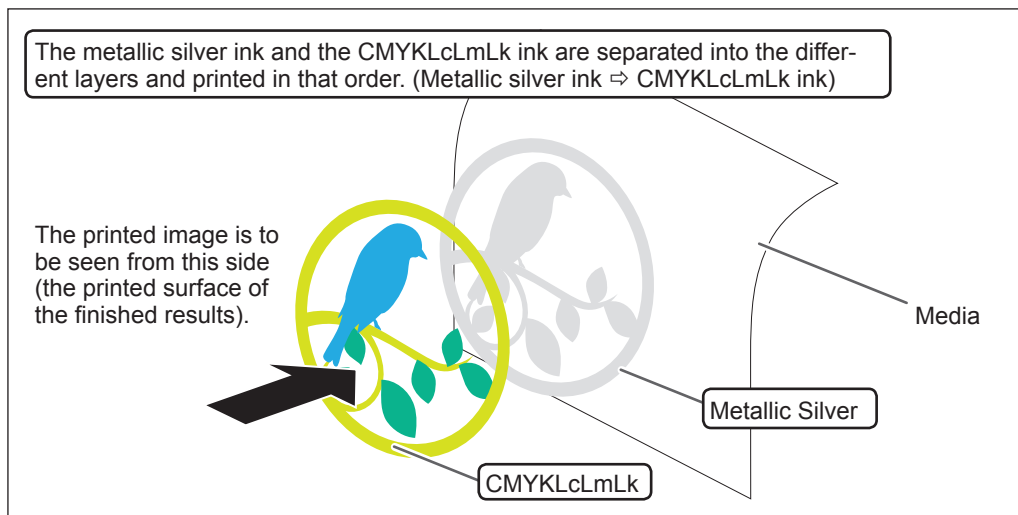
Blend Print

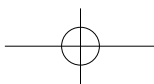
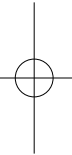
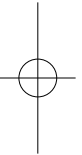
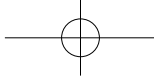
(Image of printing method)

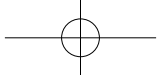


Layered Print

(Image of printing method)







Chapter 3

Printing

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3-1 Introduction

Before You Start Printing

- Remove just the white and metallic silver ink cartridges, shake them gently, then reinsert them.
- Shaking each time is unnecessary for the ink cartridges other than the white and metallic silver ones. However, when installing new ink cartridges, be sure to shake them.

The ingredients in white and metallic silver inks tend to settle. Each day, before starting the day's operations, be sure to carry out the above steps. Allowing the ink to stand without carrying out these steps can cause the settled material to harden, resulting in malfunction or other problems.

Medias

You can select media that meet your need from different types of paper. Before selecting media, be sure to perform trial printing to check whether satisfactory output quality is obtained.

Metallic texture available with metallic silver ink changes according to used media. Before printing, check texture on the test print.

Print Modes

When you're printing on media in this machine, you need to set print mode based on the type of ink, printing method (single-pass, metallic only, white only), and the side from which printed image is seen (image seen from printed surface, image seen from opposite side of printed surface). This section gives a brief overview of each type of print mode.

Equipped with White&Silver

Print mode	Overview	Page
CMYKLcLm (v)	CMYKLcLm only	-
MetallicSilver(v)	Metallic Silver only	P. 24
CMYKLcLmMt(v)	Blend print (Metallic Silver+CMYKLcLm)	P. 26
Mt -> CMYKLcLm(v)	Layered print (Metallic Silver⇒CMYKLcLm)	P. 28
CMYKLcLm -> Mt(v)	Layered print (CMYKLcLm⇒Metallic Silver)	P. 30
White(v)	White only	P. 32

W -> CMYKLcLm(v)	White⇒CMYKLcLm	P. 34
CMYKLcLm -> W(v)	CMYKLcLm⇒White	P. 34
W -> CMYKLcLmMt(v)	White⇒Metallic Silver+CMYKLcLm	P. 37
CMYKLcLmMt -> W(v)	Metallic Silver+CMYKLcLm⇒White	P. 37

Equipped with Silver Only

Print mode	Overview	Page
CMYKLcLmLk (v)	CMYKLcLmLk only	-
MetallicSilver(v)	Metallic Silver only	P. 41
CMYKLcLmLkMt(v)	Blend print (Metallic Silver+CMYKLcLmLk)	P. 43
Mt -> CMYKLcLmLk(v)	Layered print (Metallic Silver⇒CMYKLcLmLk)	P. 45

Equipped with White Only

Print mode	Overview	Page
CMYKLcLmLk(V)	CMYKLcLmLk only	-
White(v)	White only	P. 47
W -> CMYKLcLmLk(v)	White⇒CMYKLcLmLk	P. 48
CMYKLcLmLk -> W(v)	CMYKLcLmLk⇒White	P. 48

3-2 Print Job Setting : Equipped with White & Silver

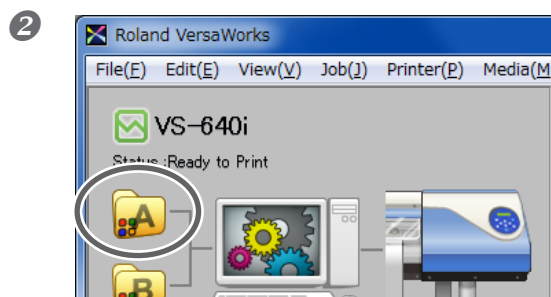
Printing Only with Metallic Silver Ink

This section describes how to perform printing only with the metallic silver ink. To use the metallic silver ink in printing, you need to use the printing data where the use of the metallic silver ink is designated. If the printing data have the portion designating the use of other colors, with the settings described in this section, you can print with the metallic silver ink only the area of the image which has been designated to print with the metallic silver ink.

➡ P. 12, "2-3 Creating Printing Data"

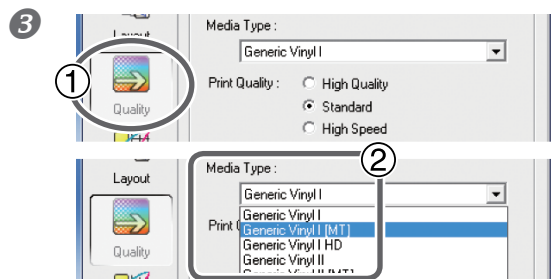
Procedure

- 1 **Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data** (➡ P. 9, "Chapter 2 Getting Ready").



Double-click

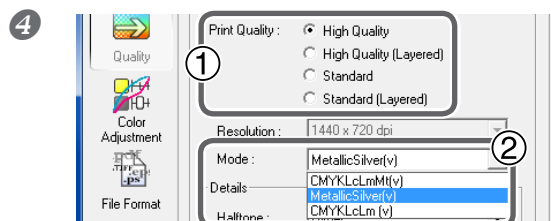
"Queue A Properties" window appears.



① Click

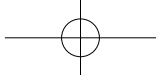
② For [Media Type], select names with [MT] attached such as "Generic Vinyl 1 [MT]."

Make the selection that matches the media to be used. Selecting an item attached with [MT] enables you to choose the print mode that can use the metallic silver ink.

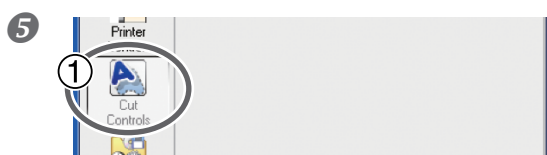


① For [Print Quality], select either [High Quality] or [Standard].

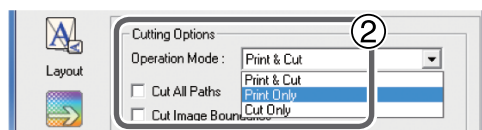
② For [Mode], select [MetallicSilver (v)].



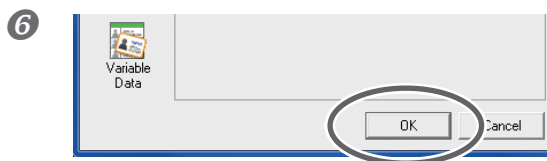
3-2 Print Job Setting : Equipped with White & Silver



① Click .



② In [Operation Mode], select the operation of the printer.



Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the metallic silver ink are described in this section. For other settings, refer to the online help provided for VersaWorks.

* If you select [CMYKLcLm (v)] for [Mode] in the procedure ④, only the area of the image where CMYKLcLm is specified in the printing data is to be printed.

Blend Print (Metallic Silver + CMYKLcLm)

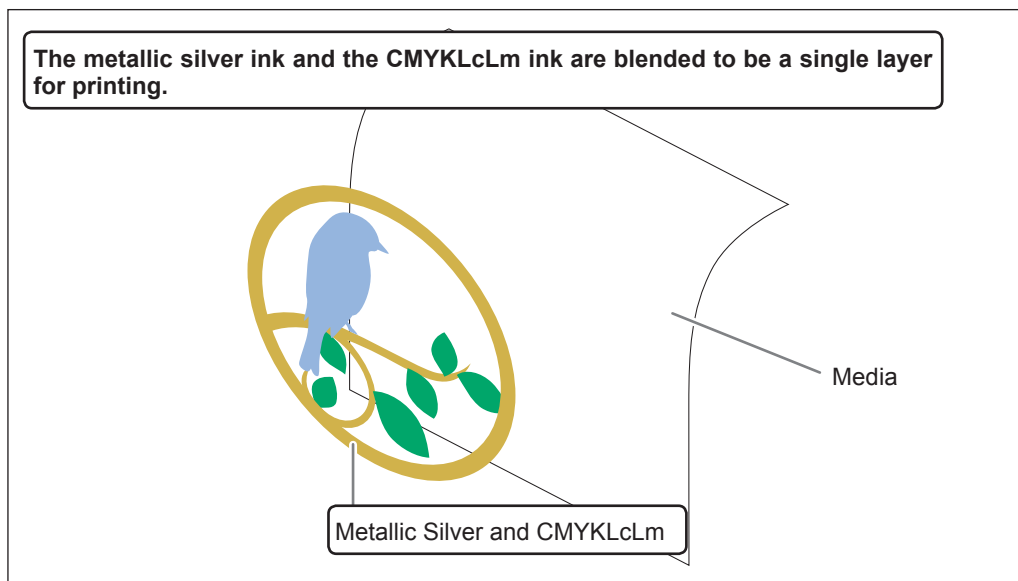
This section describes how to perform the blend print with the metallic silver ink and CMYKLcLm ink.

☞ P. 18, "Blend Print and Layered Print (Metallic Silver and CMYKLcLmLk)"

To perform the blend print, you need to use the printing data where the use of the metallic silver ink and the CMYKLcLm ink is designated.

☞ P. 12, "2-3 Creating Printing Data"

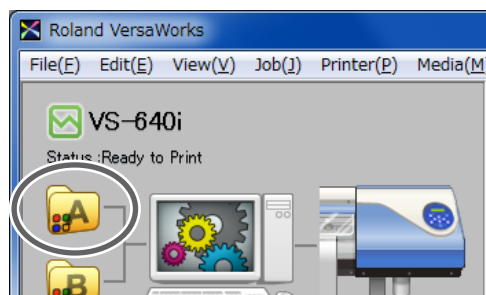
(Image of printing method)



Procedure

- 1 Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (☞ P. 9, "Chapter 2 Getting Ready").

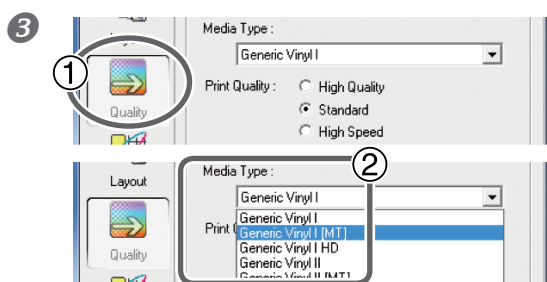
2



Double-click .

"Queue A Properties" window appears.

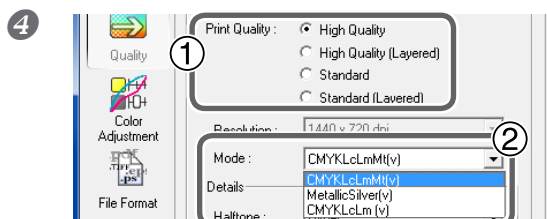
3-2 Print Job Setting : Equipped with White & Silver



① Click .

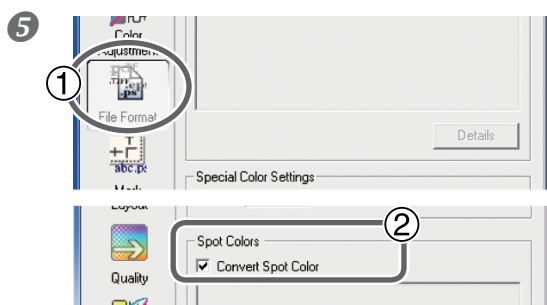
② For [Media Type], select names with [MT] attached such as "Generic Vinyl 1 [MT]."

Make the selection that matches the media to be used. Selecting an item attached with [MT] enables you to choose the print mode that can use the metallic silver ink.



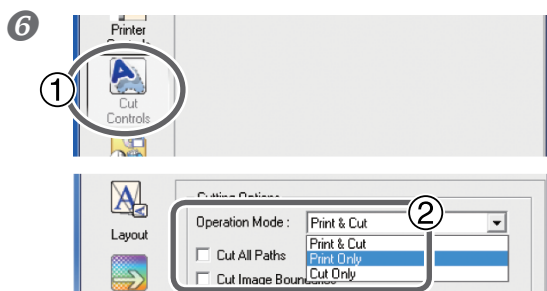
① For [Print Quality], select either [High Quality] or [Standard].

② For [Mode], select [CMYKLCmMt(v)].



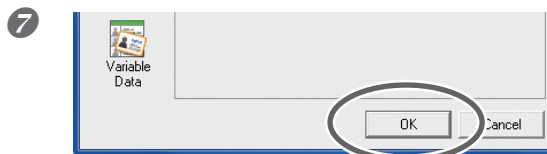
① Click .

② Turn on the [Convert Spot Color] option.



① Click .

② In [Operation Mode], select the operation of the printer.



Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the metallic silver ink are described in this section. For other settings, refer to the online help provided for VersaWorks.

Layered Print (Metallic Silver ⇨ CMYKLcLm)

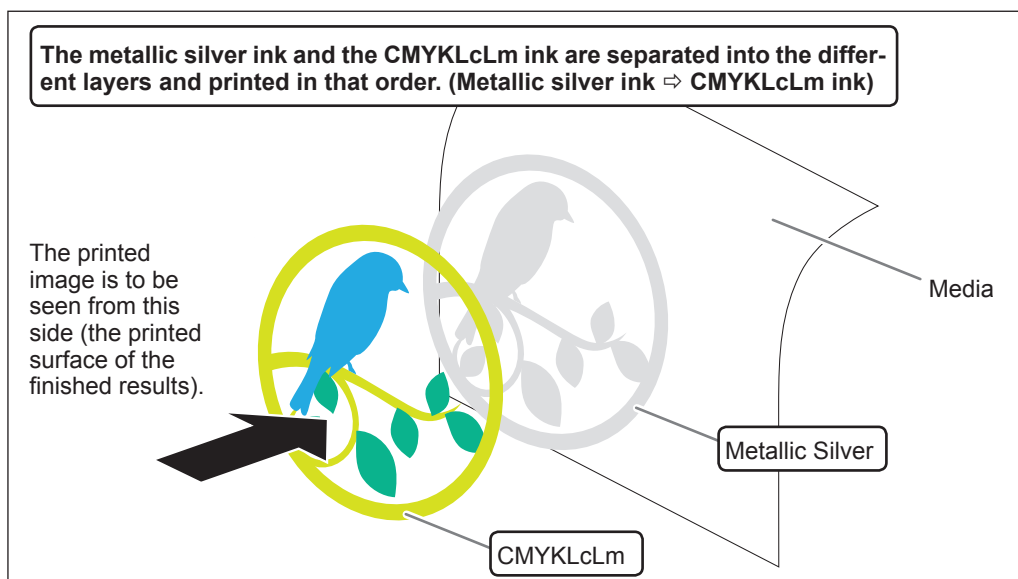
This section describes how to perform the layered print with the metallic silver ink and CMYKLcLm ink using the metallic silver ink as background.

☞ P. 18, "Blend Print and Layered Print (Metallic Silver and CMYKLcLmLk)"

To perform the layered print, you need to use the printing data where the use of the metallic silver ink and the CMYKLcLm ink is designated.

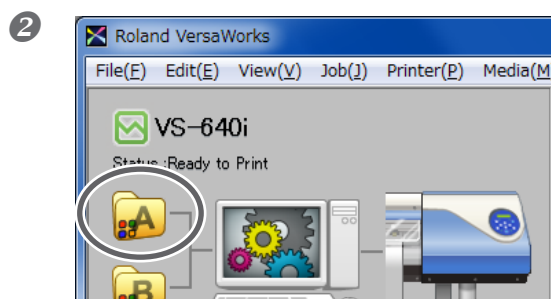
☞ P. 12, "2-3 Creating Printing Data"

(Image of printing method)



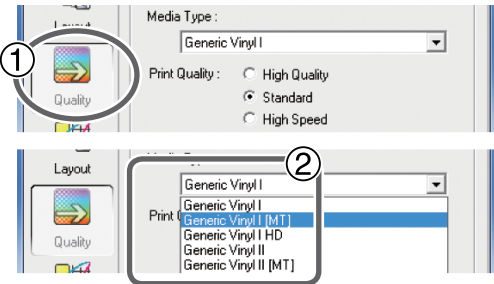
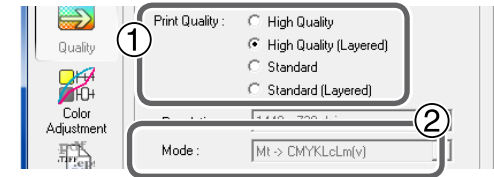
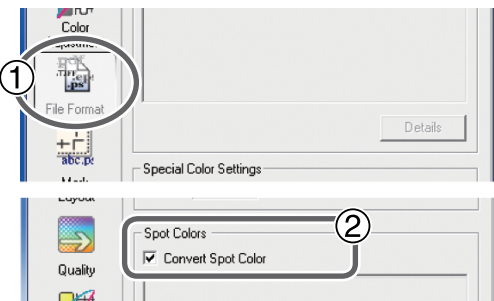
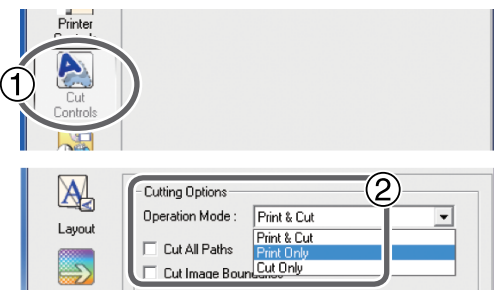
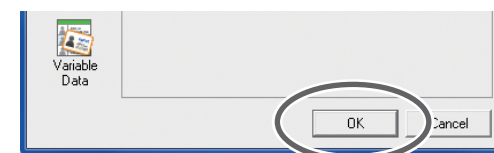
Procedure

- 1 Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (☞ P. 9, "Chapter 2 Getting Ready").



- 2 Double-click . "Queue A Properties" window appears.

3-2 Print Job Setting : Equipped with White & Silver

- 3**
- 
- ① Click .
- ② For [Media Type], select names with [MT] attached such as "Generic Vinyl 1 [MT]." Make the selection that matches the media to be used. Selecting an item attached with [MT] enables you to choose the print mode that can use the metallic silver ink.
- 4**
- 
- ① For [Print Quality], select either [High Quality (Layered)] or [Standard (Layered)].
- ② If [Mode] is selectable, select [Mt -> CMYKcLm (v)].
- 5**
- 
- ① Click .
- ② Turn on the [Convert Spot Color] option.
- 6**
- 
- ① Click .
- ② In [Operation Mode], select the operation of the printer.
- 7**
- 
- Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the metallic silver ink are described in this section. For other settings, refer to the online help provided for VersaWorks.

Layered Print (CMYKLcLm ⇔ Metallic Silver)

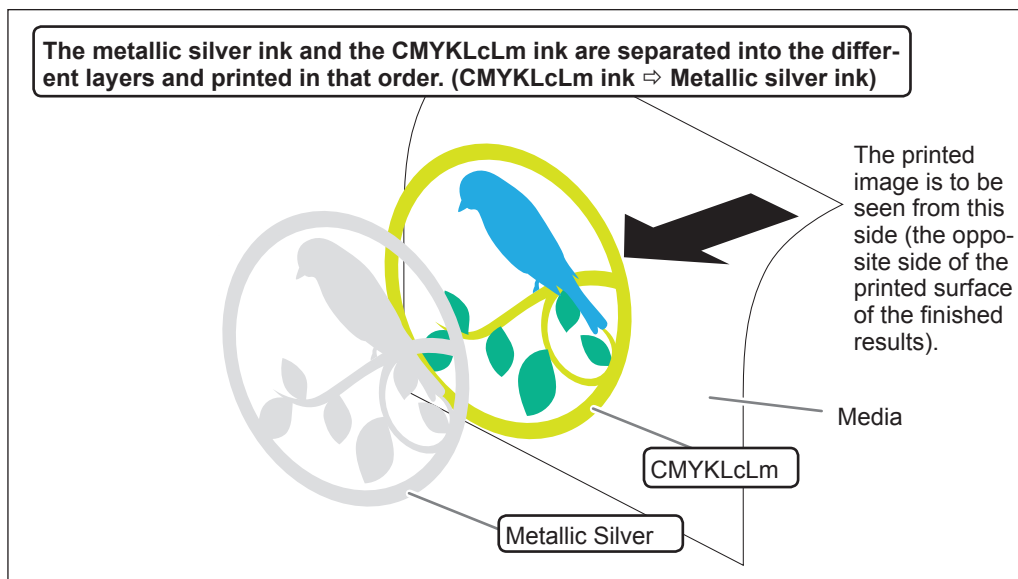
This section describes how to perform the layered print with the metallic silver ink and CMYKLcLm ink using the CMYKLcLm ink as background.

☞ P. 18, "Blend Print and Layered Print (Metallic Silver and CMYKLcLmLk)"

To perform the layered print, you need to use the printing data where the use of the metallic silver ink and the CMYKLcLm ink is designated.

☞ P. 12, "2-3 Creating Printing Data"

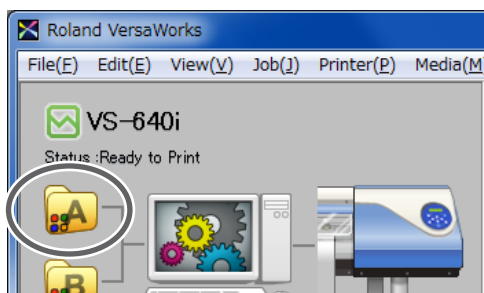
(Image of printing method)



Procedure

- 1 Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (☞ P. 9, "Chapter 2 Getting Ready").

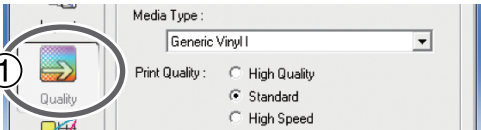
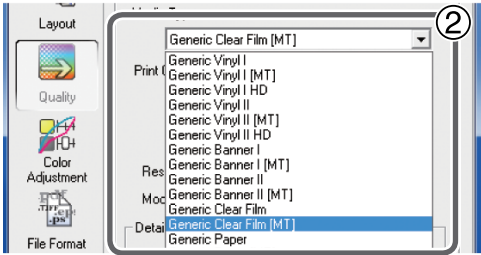
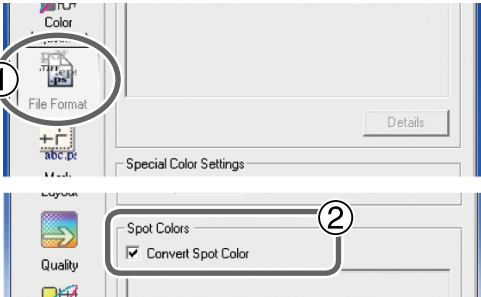
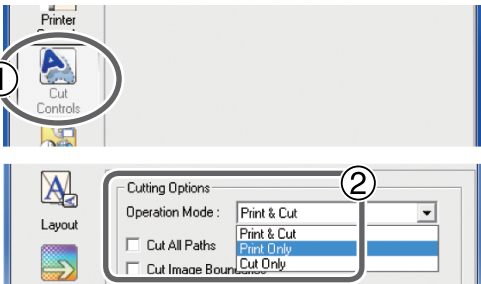
2



Double-click .

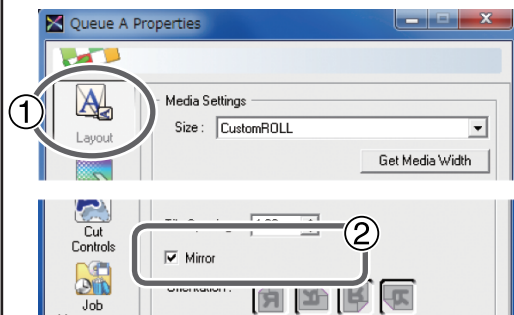
"Queue A Properties" window appears.

3-2 Print Job Setting : Equipped with White & Silver

- 3**
- 
- Media Type :
Generic Vinyl I
- Print Quality : ☐ High Quality
☒ Standard
☐ High Speed
- 1** Click .
- 2** For [Media Type], select "Generic Clear Film [MT]."
- 
- Layout
Quality
Color Adjustment
File Format
- Print
Generic Clear Film [MT]
Generic Vinyl I
Generic Vinyl I [MT]
Generic Vinyl I HD
Generic Vinyl II
Generic Vinyl II [MT]
Generic Vinyl II HD
Generic Banner I
Generic Banner I [MT]
Generic Banner II
Generic Banner II [MT]
Generic Clear Film
Generic Paper
- 4**
- 
- Print Quality : ☐ High Quality
☒ High Quality (Layered)
☐ Standard
☐ Standard (Layered)
- Resolution : 720 x 1440 dpi
- Mode :
Mt -> CMYKLCm(v)
Mt -> CMYKLCm(v)
CMYKLCm(v) -> Mt
- 1** For [Print Quality], select either [High Quality (Layered)] or [Standard (Layered)].
- 2** For [Mode], select [CMYKLCm(v) -> Mt].
- 5**
- 
- Color
File Format
Details
- Special Color Settings
- Spot Colors
☒ Convert Spot Color
- 1** Click .
- 2** Turn on the [Convert Spot Color] option.
- 6**
- 
- Printer
Cut Controls
- Layout
- Cutting Options
Operation Mode :
☐ Cut All Paths
☐ Cut Image Boundaries
- 1** Click .
- 2** In [Operation Mode], select the operation of the printer.

3-2 Print Job Setting : Equipped with White & Silver

When You Want to Display the Side Opposite the Printed Surface by Using Clear Film.

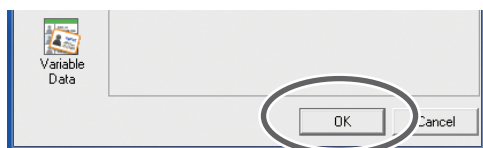


① Click .

② Turn on the **[Mirror]** option.

When the printing data with mirror image is prepared beforehand, you do not need to turn on this option.

7



Click **[OK]** to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the metallic silver ink are described in this section. For other settings, refer to the online help provided for VersaWorks.

Printing Only with White Ink

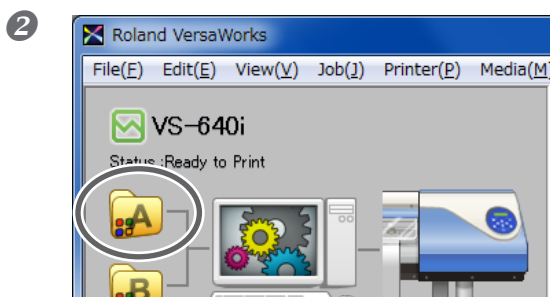
This section describes how to perform printing only with the white ink. To use the white ink in printing, you need to use the printing data where the use of the white ink is designated. If the printing data have the portion designating the use of other colors, with the setting described in this section, you can print with the white ink only the area of the image which has been designated to print with the white ink.

☞ P. 12, "2-3 Creating Printing Data"

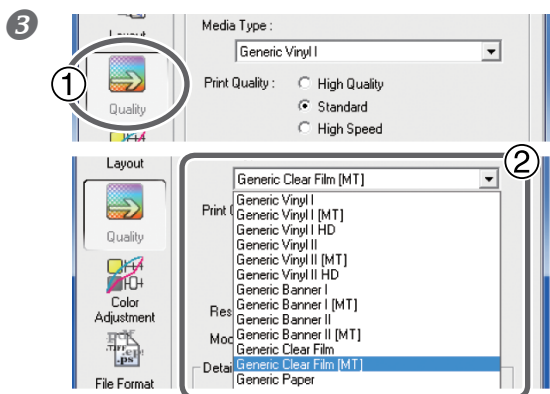
Procedure

- 1 Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (☞ P. 9, "Chapter 2 Getting Ready").

3-2 Print Job Setting : Equipped with White & Silver

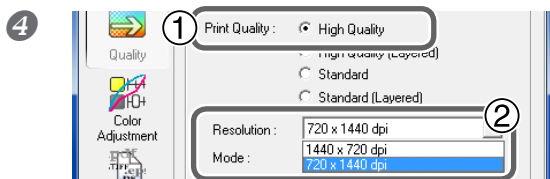


Double-click .
"Queue A Properties" window appears.



① Click .

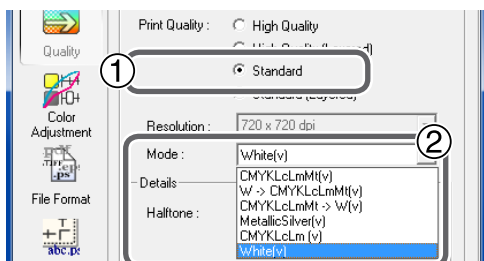
② For [Media Type], select either "Generic Clear Film" or "Generic Clear Film [MT]."



For high print quality:

① For [Print Quality], select [High Quality].

② For [Resolution], select [720x1440dpi].
[Mode] is set to [White (v)].

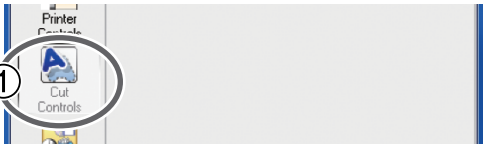
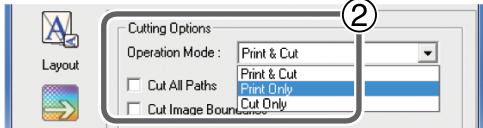
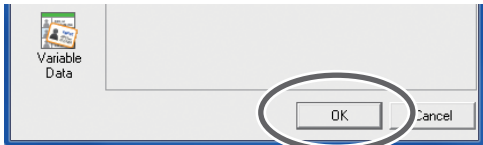


For standard print quality:

① For [Print Quality], select [Standard].

② For [Mode], select [White (v)].

3-2 Print Job Setting : Equipped with White & Silver

- 5**
- 
- 1** Click .
- 
- 2** In [Operation Mode], select the operation of the printer.
- 6**
- 
- Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the white ink are described in this section. For other settings, refer to the online help provided for VersaWorks.

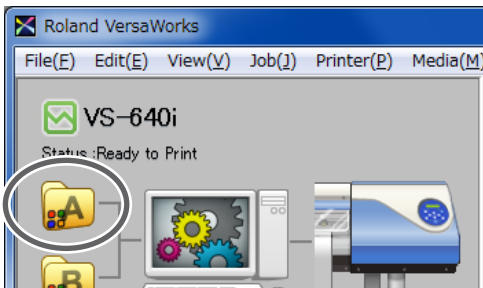
Printing with White and CMYKLcLm Ink

This section describes how to perform printing with the white ink and the CMYKLcLm ink. Deciding which ink between the white and the CMYKLcLm you want to use for the base is an important point in determining the print job setting here. To use the white ink for printing, you need to use the printing data where the use of the white ink is designated.

☞ P. 12, "2-3 Creating Printing Data"

Procedure

- 1** Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (☞ P. 9, "Chapter 2 Getting Ready").

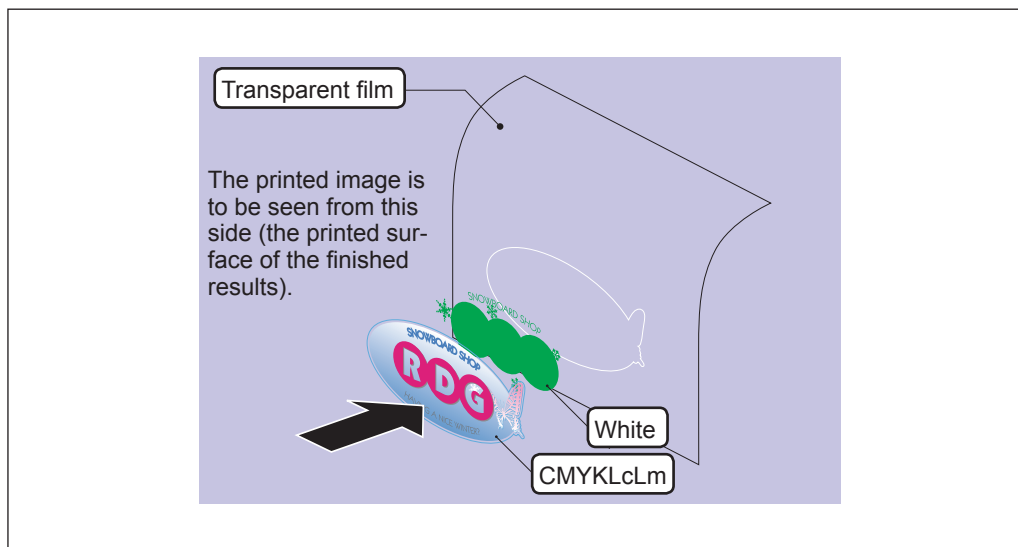
- 2**
- 
- Double-click .
- "Queue A Properties" window appears.

3-2 Print Job Setting : Equipped with White & Silver

- 3**
- ①** Click .
- ②** For [Media Type], select "Generic Clear Film."
- 4**
- ①** For [Print Quality], select either [High Quality] or [Standard].
- ②** With [Mode], select the print mode.
W -> CMYKLcLm (v)
 Inks are overprinted in the sequence of white and then CMYKLcLm Color.
CMYKLcLm -> W (v)
 Inks are overprinted in the sequence of CMYKLcLm and then white Color.

Image of overprinting in the sequence of white and then CMYKLcLm Color

(Print Mode "W -> CMYKLcLm (v)")

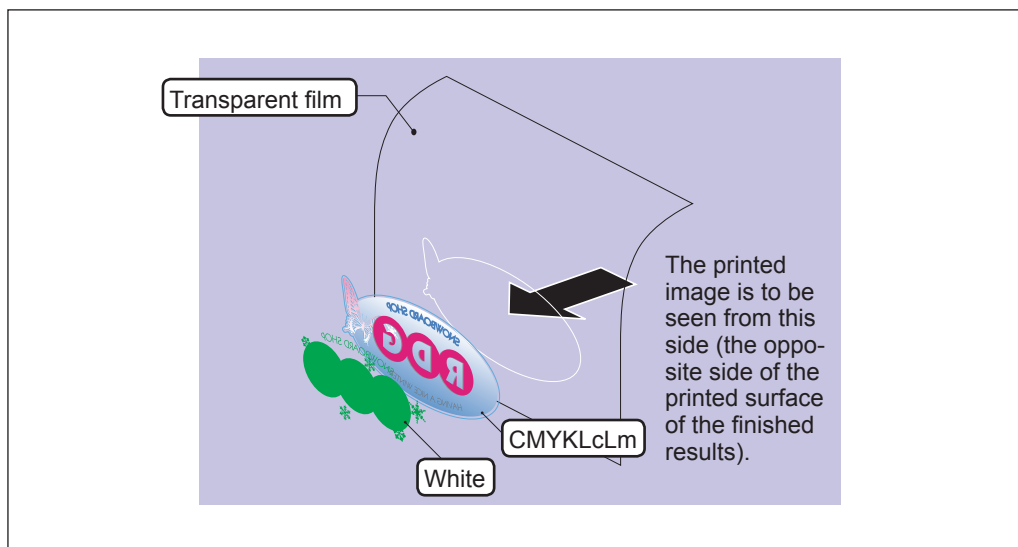


* The white data and the CMYKLcLm color data are actually printed simultaneously, but they are shown here as separate layers in order to indicate the printing sequence.

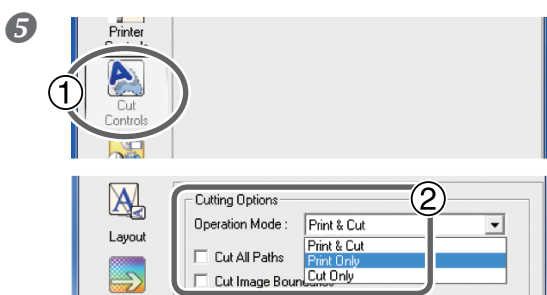
3-2 Print Job Setting : Equipped with White & Silver

Image of overprinting in the sequence of CMYKLcLm Color and then white

(Print Mode "CMYKLcLm -> W (v) ")



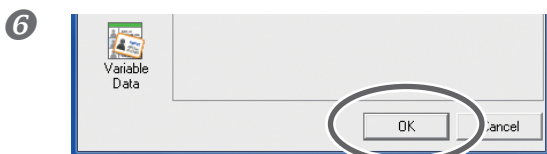
* The white data and the CMYKLcLm color data are actually printed simultaneously, but they are shown here as separate layers in order to indicate the printing sequence.



① Click .

② In [Operation Mode], select the operation of the printer.

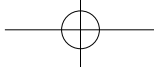
When You Want to Display the Side Opposite the Printed Surface by Using Clear Film.  P. 32



Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the white ink are described in this section. For other settings, refer to the online help provided for VersaWorks.



3-2 Print Job Setting : Equipped with White & Silver

Printing with While, Metallic Silver, and CMYKLcLm Ink

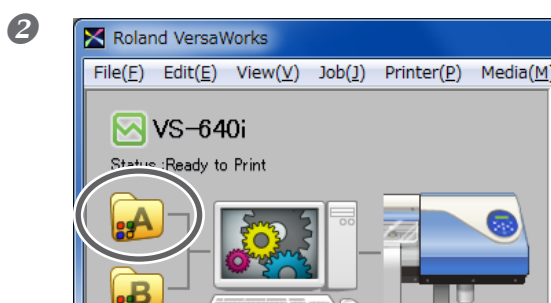
This section describes how to perform printing with the metallic silver ink, the white ink, and the CMYKLcLm ink. Deciding which ink between the white and the others (the metallic silver and CMYKLcLm) you want to use for the base is an important point in determining the print job setting here.

To use the metallic silver ink and the white ink, you need to use the printing data where the use of the respective inks is designated. For the area of the image to be printed with the metallic silver ink and the CMYKLcLm ink combined, the setting is fixed to the blend print.

☞ P. 12, "2-3 Creating Printing Data"

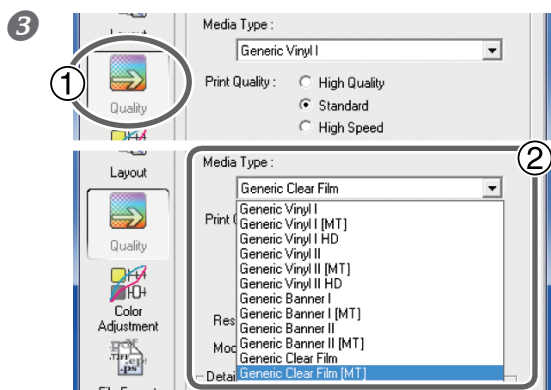
Procedure

- 1 **Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (☞ P. 9, "Chapter 2 Getting Ready").**



Double-click .

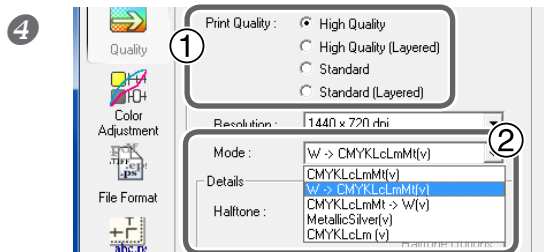
"Queue A Properties" window appears.



① Click .

② For [Media Type], select "Generic Clear Film [MT]."

3-2 Print Job Setting : Equipped with White & Silver



① For [Print Quality], select either [High Quality] or [Standard].

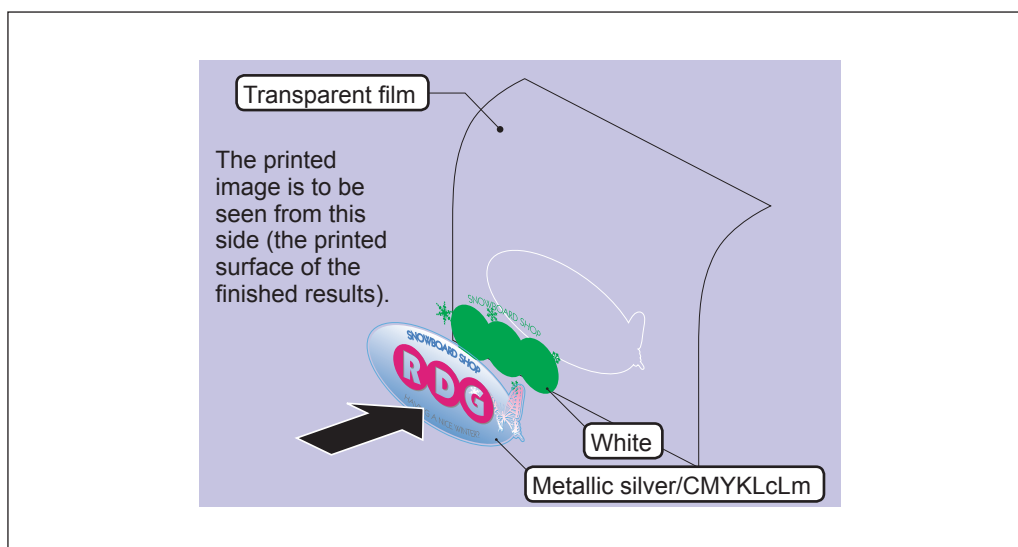
② With [Mode], select the print mode.
W -> CMYKLCmMt(v)

Inks are overprinted in the sequence of white and then metallic silver+CMYKLCm Color.

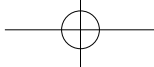
CMYKLCmMt -> W(v)

Inks are overprinted in the sequence of metallic silver+CMYKLCm Color and then white.

Image of overprinting in the sequence of white and then metallic silver/CMYKLCm Color
(Print Mode "W -> CMYKLCmMt (v) ")

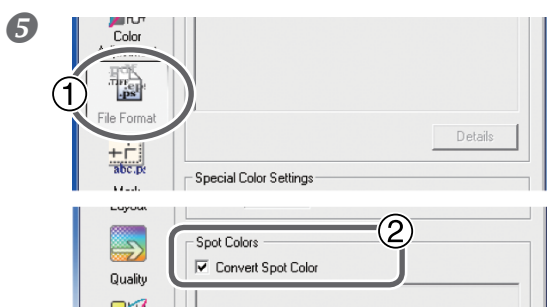
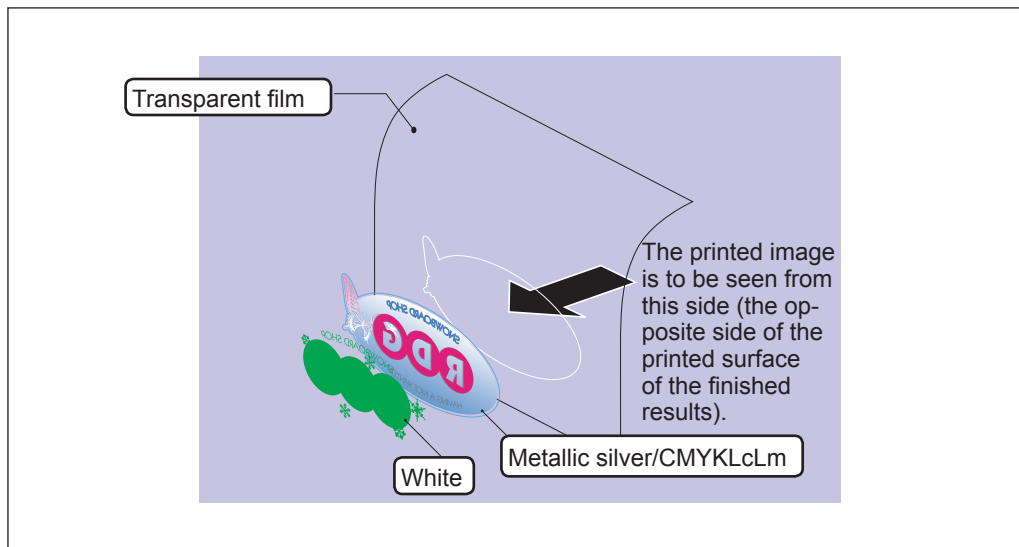


* The white data and the metallic silver/CMYKLCm color data are actually printed simultaneously, but they are shown here as separate layers in order to indicate the printing sequence.



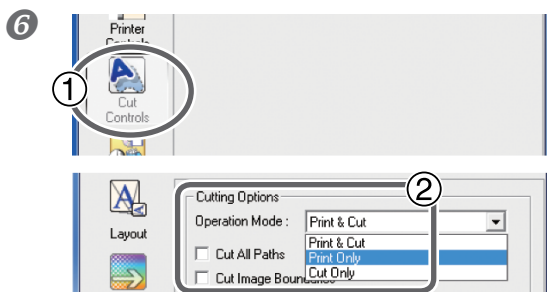
3-2 Print Job Setting : Equipped with White & Silver

Image of overprinting in the sequence of metallic silver/CMYKLcLm Color and then whit
(Print Mode "CMYKLcLmMt -> W (v) ")



① Click .

② Turn on the [Convert Spot Color] option.



① Click .

② In [Operation Mode], select the operation of the printer.

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3-2 Print Job Setting : Equipped with White & Silver

7



Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the metallic silver ink and white ink are described in this section.
For other settings, refer to the online help provided for VersaWorks.

3-3 Print Job Setting : Equipped with Silver Only

Printing Only with Metallic Silver Ink

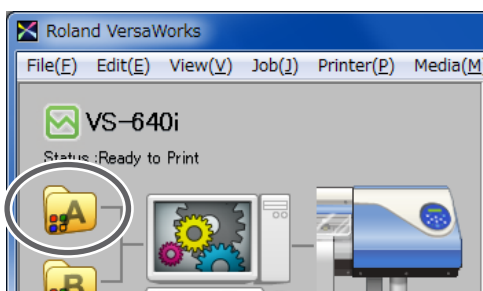
This section describes how to perform printing only with the metallic silver ink. To use the metallic silver ink in printing, you need to use the printing data where the use of the metallic silver ink is designated. If the printing data have the portion designating the use of other colors, with the settings described in this section, you can print with the metallic silver ink only the area of the image which has been designated to print with the metallic silver ink.

➡ P. 12, "2-3 Creating Printing Data"

Procedure

- 1 **Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (➡ P. 9, "Chapter 2 Getting Ready").**

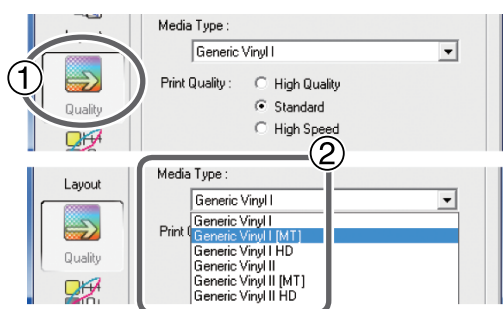
2



Double-click .

"Queue A Properties" window appears.

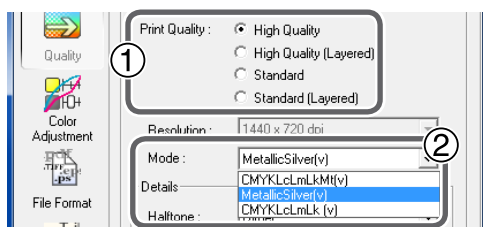
3



1 Click .

- 2 **For [Media Type], select names with [MT] attached such as "Generic Vinyl 1 [MT]."**
Make the selection that matches the media to be used. Selecting an item attached with [MT] enables you to choose the print mode that can use the metallic silver ink.

4



- 1 **For [Print Quality], select either [High Quality] or [Standard].**
- 2 **For [Mode], select [MetallicSilver (v)].**

3-3 Print Job Setting : Equipped with Silver Only

- 5
- ① Click .
- ② In [Operation Mode], select the operation of the printer.
- 6
- Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the metallic silver ink are described in this section. For other settings, refer to the online help provided for VersaWorks.

* If you select [CMYKLcLmLk (v)] for [Mode] in the procedure ④, only the area of the image where CMYKLcLmLk is specified in the printing data is to be printed.

Blend Print (Metallic Silver + CMYKLcLmLk)

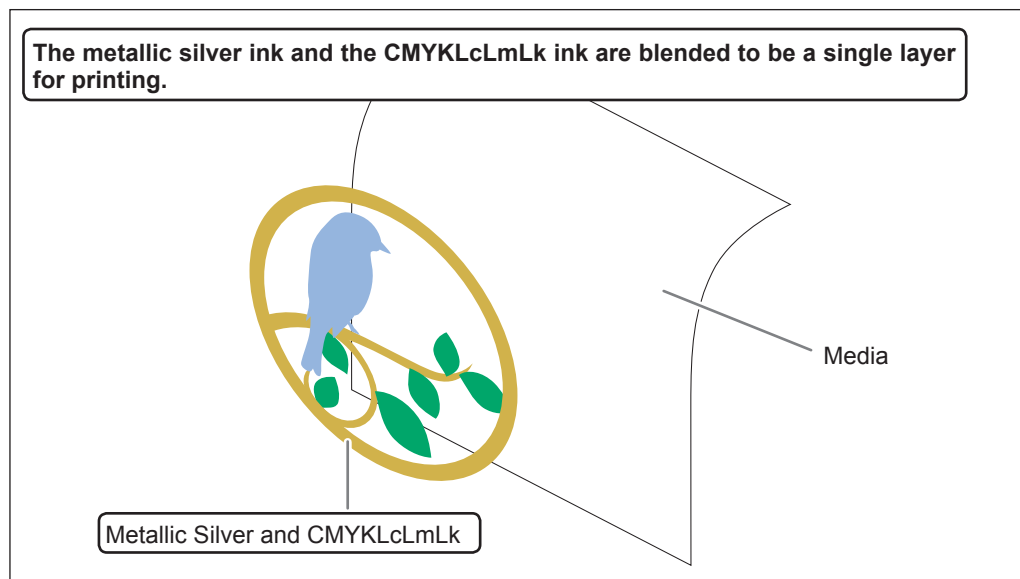
This section describes how to perform the blend print with the metallic silver ink and CMYKLcLmLk ink.

☞ P. 18, "Blend Print and Layered Print (Metallic Silver and CMYKLcLmLk)"

To perform the blend print, you need to use the printing data where the use of the metallic silver ink and the CMYKLcLmLk ink is designated.

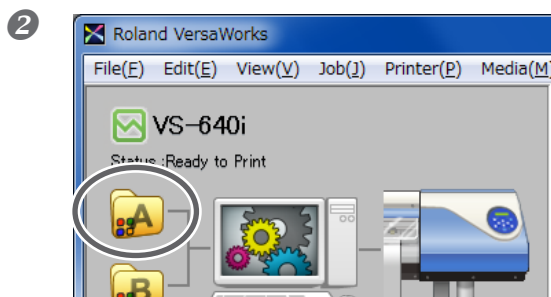
☞ P. 12, "2-3 Creating Printing Data"

(Image of printing method)



Procedure

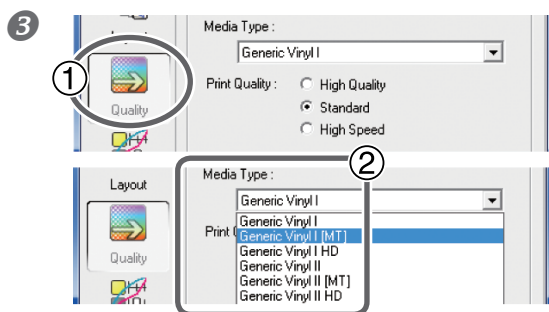
- 1 Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (☞ P. 9, "Chapter 2 Getting Ready").



Double-click .

"Queue A Properties" window appears.

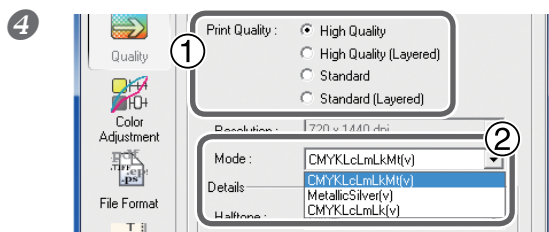
3-3 Print Job Setting : Equipped with Silver Only



① Click .

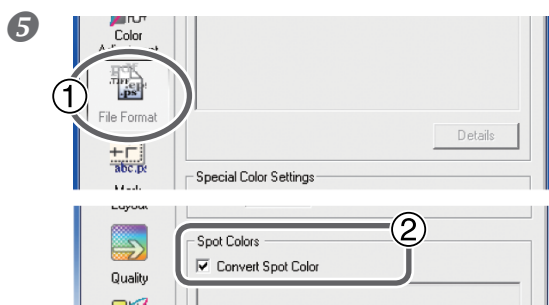
② For [Media Type], select names with [MT] attached such as "Generic Vinyl 1 [MT]."

Make the selection that matches the media to be used. Selecting an item attached with [MT] enables you to choose the print mode that can use the metallic silver ink.



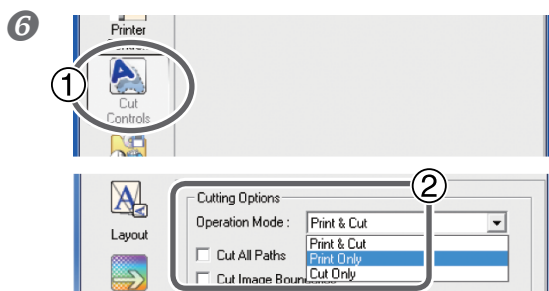
① For [Print Quality], select either [High Quality] or [Standard].

② For [Mode], select [CMYKLCmLkMt(v)].



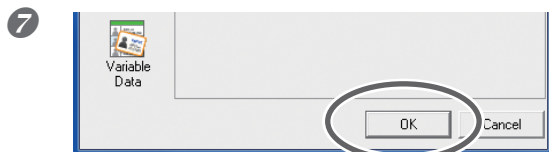
① Click .

② Turn on the [Convert Spot Color] option.



① Click .

② In [Operation Mode], select the operation of the printer.



Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the metallic silver ink are described in this section. For other settings, refer to the online help provided for VersaWorks.

Layered Print (Metallic Silver ⇒ CMYKLcLmLk)

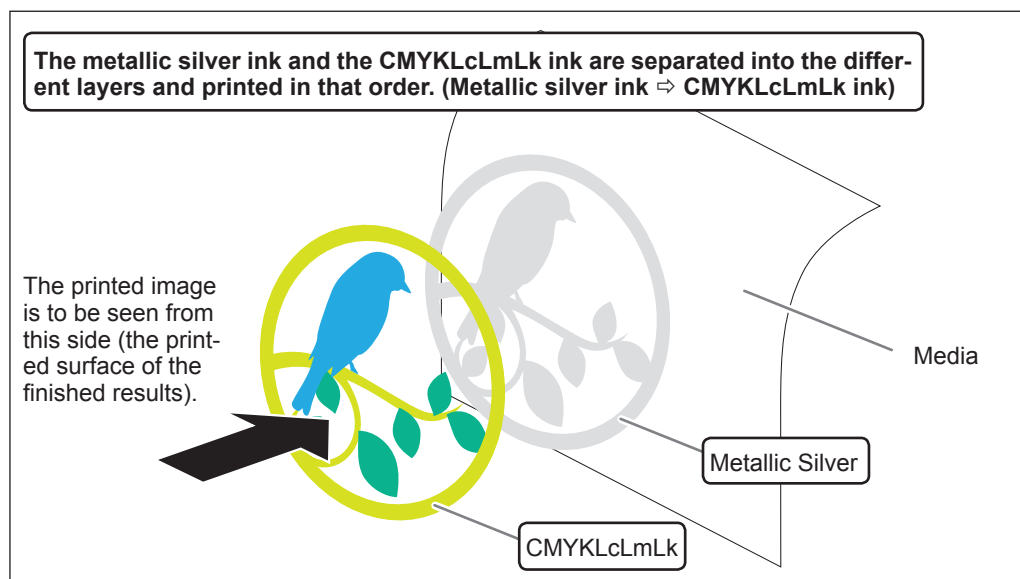
This section describes how to perform the layered print with the metallic silver ink and CMYKLcLmLk ink using the metallic silver ink as background.

☞ P. 18, "Blend Print and Layered Print (Metallic Silver and CMYKLcLmLk)"

To perform the layered print, you need to use the printing data where the use of the metallic silver ink and the CMYKLcLmLk ink is designated.

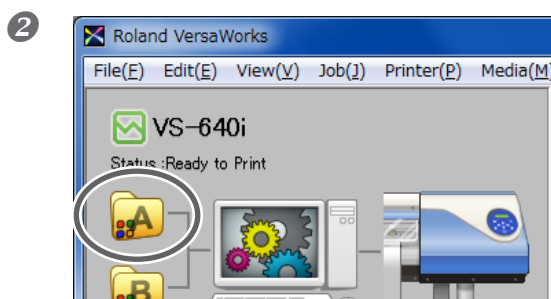
☞ P. 12, "2-3 Creating Printing Data"

(Image of printing method)



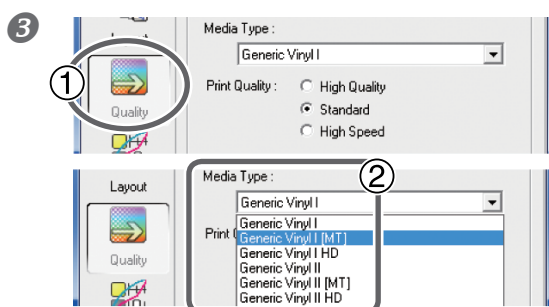
Procedure

- 1 Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (☞ P. 9, "Chapter 2 Getting Ready").



- 2 Double-click . "Queue A Properties" window appears.

3-3 Print Job Setting : Equipped with Silver Only

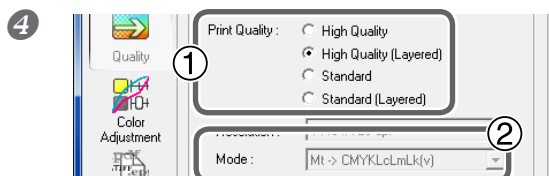


① Click .

② For [Media Type], select names with [MT] attached such as "Generic Vinyl 1 [MT]."

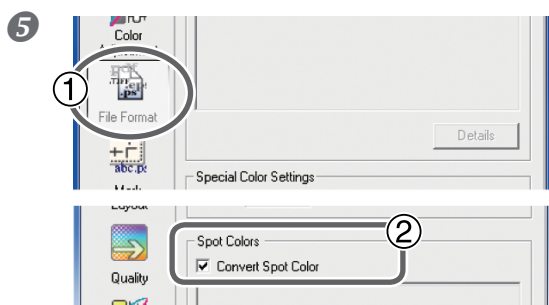
Make the selection that matches the media to be used.

Selecting an item attached with [MT] enables you to choose the print mode that can use the metallic silver ink.



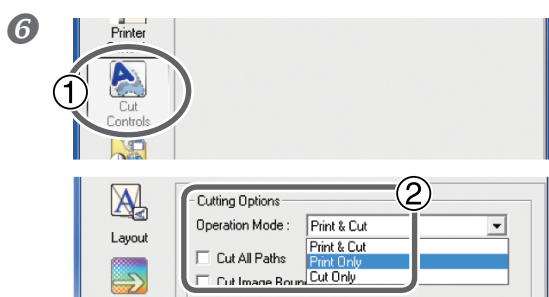
① For [Print Quality], select either [High Quality (Layered)] or [Standard (Layered)].

② Check that [Mt -> CMYKLcLmLk (v)] is selected for [Mode].



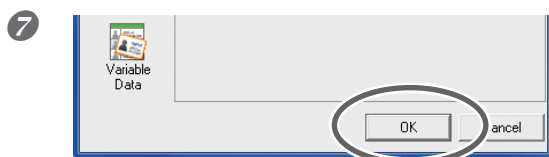
① Click .

② Turn on the [Convert Spot Color] option.



① Click .

② In [Operation Mode], select the operation of the printer.



Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the metallic silver ink are described in this section. For other settings, refer to the online help provided for VersaWorks.

3-4 Print Job Setting : Equipped with White Only

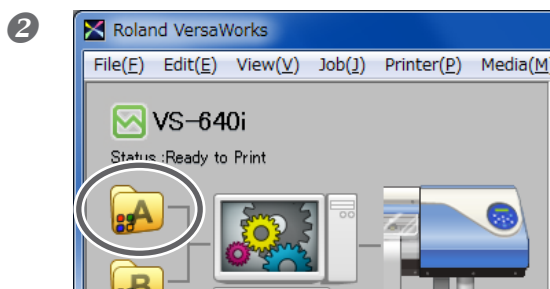
Printing Only with White Ink

This section describes how to perform printing only with the white ink. To use the white ink in printing, you need to use the printing data where the use of the white ink is designated. If the printing data have the portion designating the use of other colors, with the setting described in this section, you can print with the white ink only the area of the image which has been designated to print with the white ink.

➡ P. 12, "2-3 Creating Printing Data"

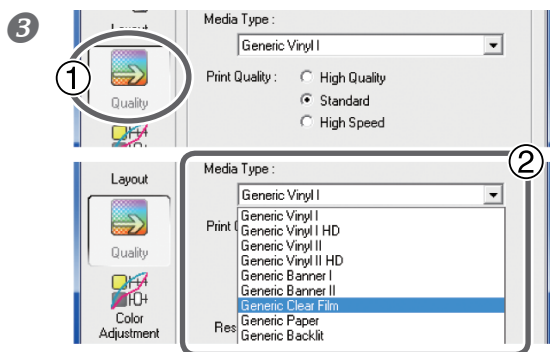
Procedure

- 1 Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (➡ P. 9, "Chapter 2 Getting Ready").



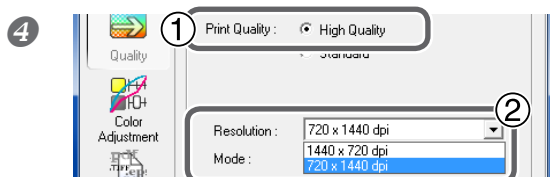
Double-click .

"Queue A Properties" window appears.



1 Click .

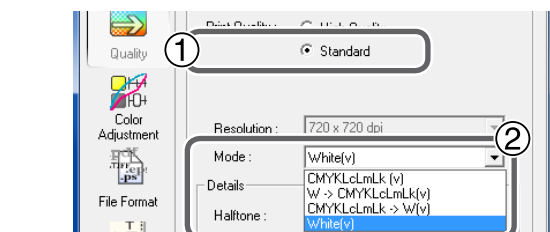
2 For [Media Type], select "Generic Clear Film."



For high print quality:

1 For [Print Quality], select [High Quality].

2 For [Resolution], select [720x1440dpi].
[Mode] is set to [White (v)].

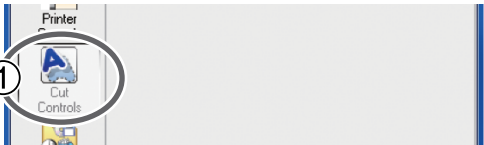
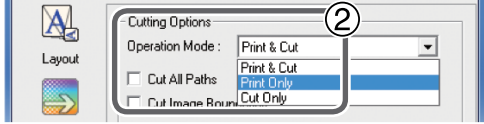
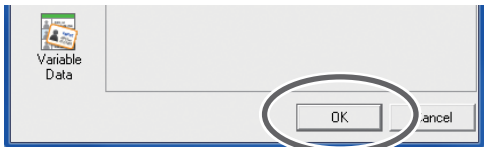


For standard print quality:

1 For [Print Quality], select [Standard].

2 For [Mode], select [White (v)].

3-4 Print Job Setting : Equipped with White Only

- 5  ① Click .
- ② In [Operation Mode], select the operation of the printer.

- 6  Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the white ink are described in this section. For other settings, refer to the online help provided for VersaWorks.

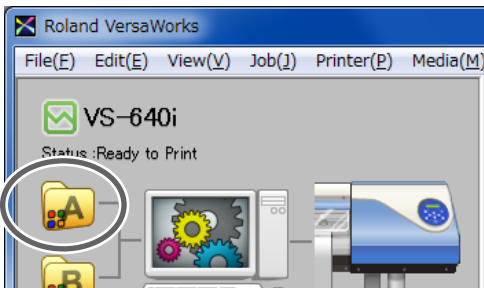
Printing with White and CMYKLcLmLk Ink

This section describes how to perform printing with the white ink and the CMYKLcLmLk ink. Deciding which ink between the white and the CMYKLcLmLk you want to use for the base is an important point in determining the print job setting here. To use the white ink for printing, you need to use the printing data where the use of the white ink is designated.

☞ P. 12, "2-3 Creating Printing Data"

Procedure

- ① Make sure that you have finished making the preparations for VersaWorks, getting the printer ready, and creating the printing data (☞ P. 9, "Chapter 2 Getting Ready").

- ②  Double-click .
"Queue A Properties" window appears.

3-4 Print Job Setting : Equipped with White Only

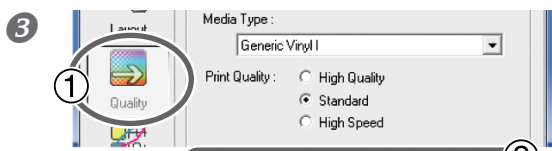
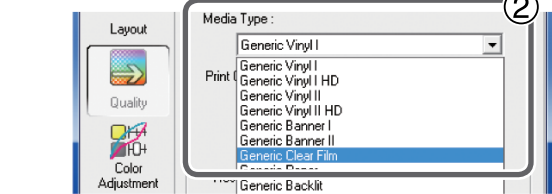
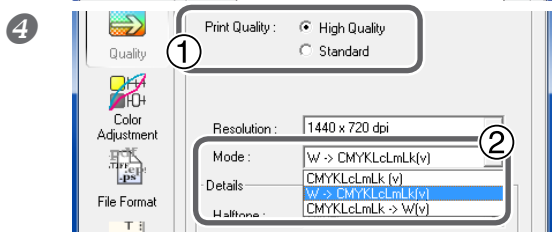
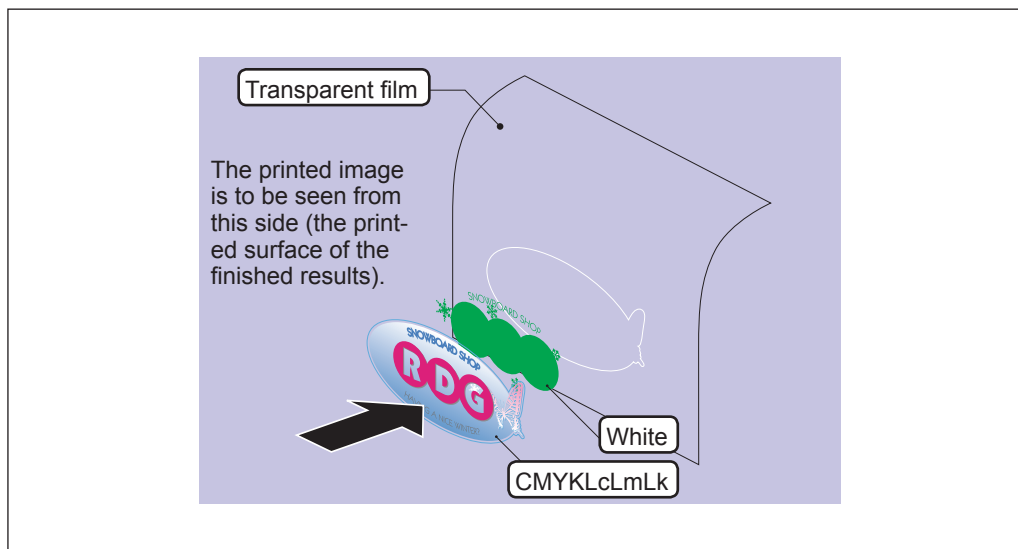
- ③ 
 - ① Click .
- ② 
 - ② For [Media Type], select "Generic Clear Film."
- ④ 
 - ① For [Print Quality], select either [High Quality] or [Standard].
 - ② For [Mode], select the print mode.
W -> CMYKcLmLk (v)
Inks are overprinted in the sequence of white and then CMYKcLmLk Color.
CMYKcLmLk -> W (v)
Inks are overprinted in the sequence of CMYKcLmLk and then white Color.

Image of overprinting in the sequence of white and then CMYKcLmLk Color

(Print Mode "W -> CMYKcLmLk (v)")

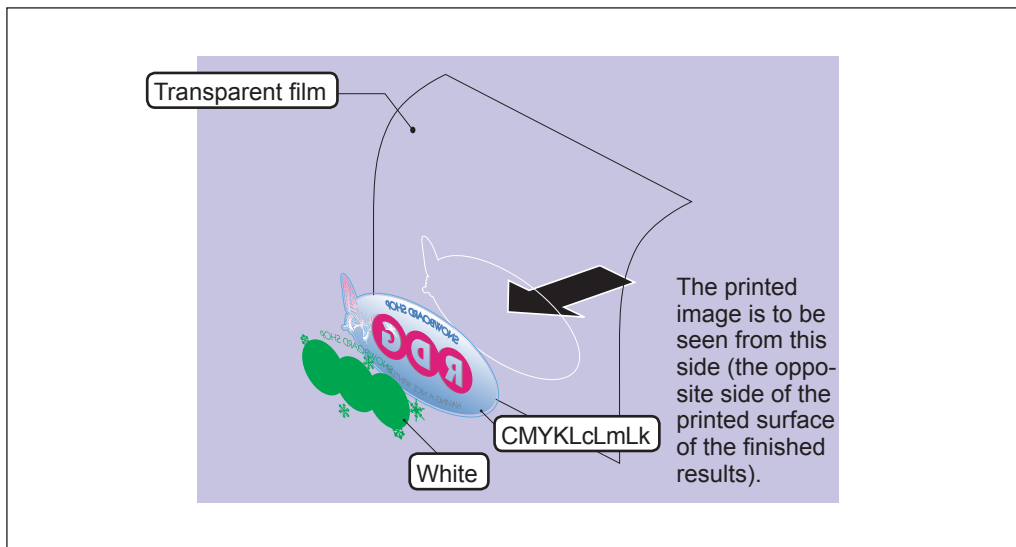


* The white data and the CMYKcLmLk color data are actually printed simultaneously, but they are shown here as separate layers in order to indicate the printing sequence.

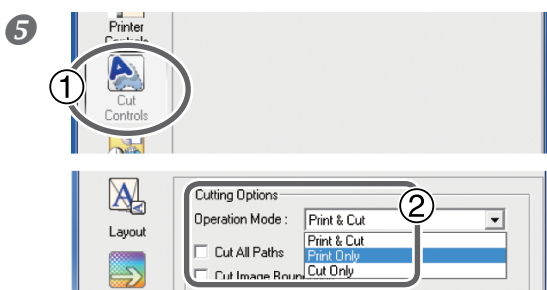
3-4 Print Job Setting : Equipped with White Only

Image of overprinting in the sequence of CMYKLcLmLk Color and then white

(Print Mode "CMYKLcLmLk -> W (v) ")



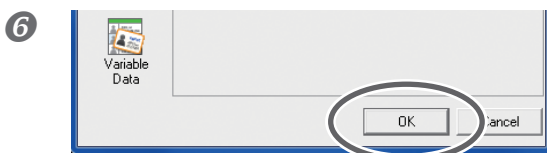
* The white data and the CMYKLcLmLk color data are actually printed simultaneously, but they are shown here as separate layers in order to indicate the printing sequence.



① Click .

② In [Operation Mode], select the operation of the printer.

When You Want to Display the Side Opposite the Printed Surface by Using Clear Film.  P. 32



Click [OK] to close the "Queue A Properties" window.

This is the end of the print job setting. To start printing, go on to P. 51, "Starting the Print Operation".

* Only the settings necessary for the use of the white ink are described in this section. For other settings, refer to the online help provided for VersaWorks.

3-5 Starting the Print Operation

Starting the Print Operation

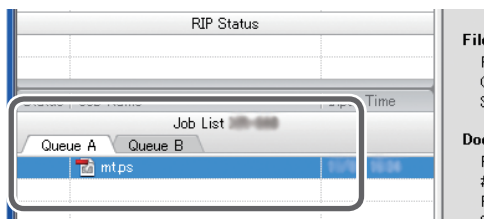
Following the print job setting, you can start the print operation.

Procedure

1 Make settings for the print job.

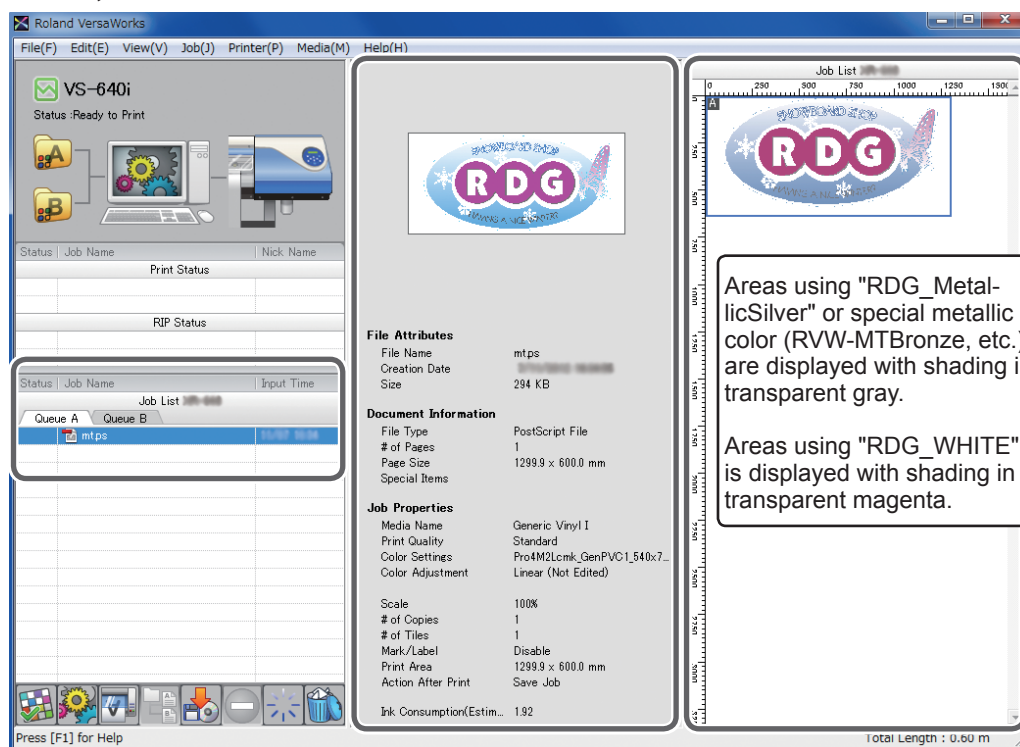
- P. 24, "3-2 Print Job Setting : Equipped with White & Silver"
- P. 41, "3-3 Print Job Setting : Equipped with Silver Only"
- P. 47, "3-4 Print Job Setting : Equipped with White Only"

2



Go to "Job List," click the "Queue A" tab, and drag the printing data to the queue A job list (If the print job setting has been made in [Queue B], drag and drop the printing data on the job list of [Queue B].).

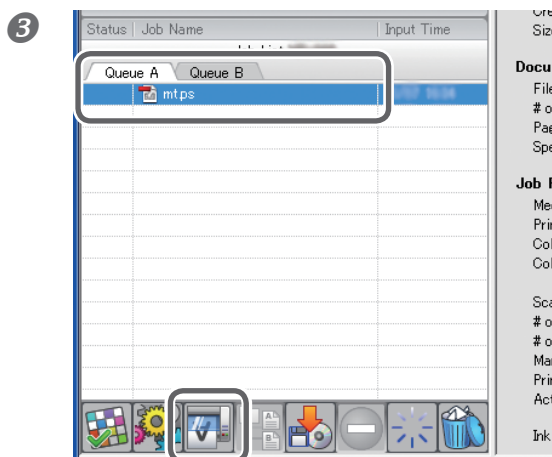
The contents of the data are displayed in the preview window, and the layout on the media is displayed in the layout window.



POINT!

If the areas to be printed with metallic or white colors are not displayed with shading, special color inks will not be used for printing. Before printing, make sure that the areas with specified special spot colors are shaded.

3-5 Starting the Print Operation



3 Select the print job in the job list, and then click .

Printing will be started.

Tips!

After printing, allow the ink to dry sufficiently. We strongly recommend performing lamination.

Tips!

To continue printing similar data, repeat steps **2** and **3**. Also, if you want to modify detailed settings for each job, it will be convenient to perform modifications in the "Job Setting" window (which you can display by double-clicking the print job in the job list).

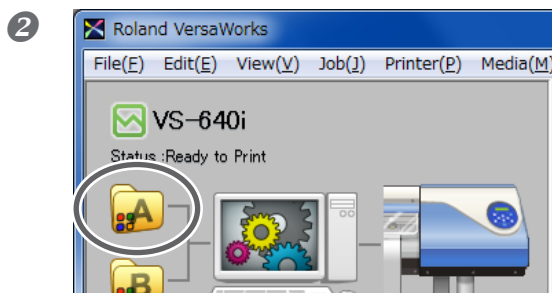
Printing a Metallic Color Chart (Equipped with Silver)

The Metallic Color Chart is the printing sample of the special metallic color. By printing the Metallic Color Chart, you can confirm the "complete metallic color chart" representing the special metallic color itself that can be printed with "Your Printer" and "Your Media" (slight pattern differences is possible to occur depending on the conditions of the printer and media.) By selecting colors from this color chart and creating illustrations with these colors, you can accurately reproduce the desired colors.

*To print a chart, use the same media as the one actually going to be used.

Procedure

1 Make sure that you have finished making the preparations for VersaWorks, and getting the printer ready (☞ P. 9, "Chapter 2 Getting Ready").

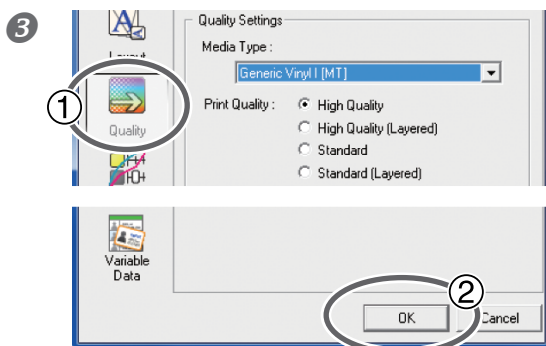


2 Double-click .

"Queue A Properties" window appears.

* Color chart output is available for Queue A only.

3-5 Starting the Print Operation



① Click , configure the settings in [Quality Settings] and [Color Management].

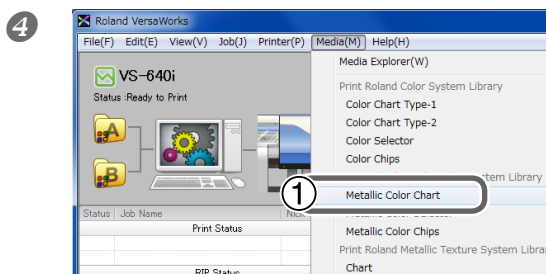
* For details on settings, refer to the followings.

- P. 24, "3-2 Print Job Setting : Equipped with White & Silver"
- P. 41, "3-3 Print Job Setting : Equipped with Silver Only"

② Click [OK].

POINT!

When printing a Metallic Color Chart, the [Quality] settings from the [Queue Properties] window are always applied. Since you cannot change the quality settings for the job using the [Job Settings] window after it has been added, be sure to configure the settings in the [Queue Properties] window before performing the following operations.



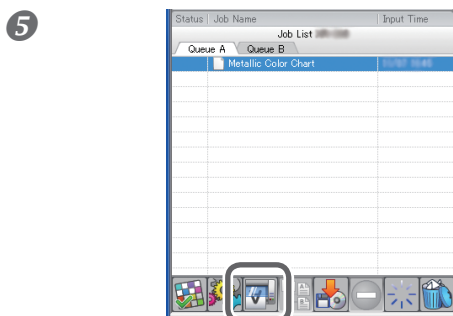
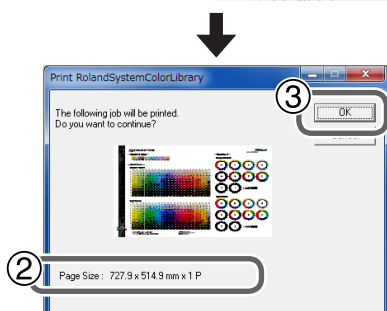
① Click [Media] and then [Metallic Color Chart].

② Check the page size.

If the size of the media loaded on the printer is not adequate for the page size, change it to another media of sufficient size.

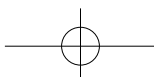
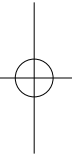
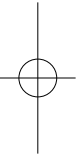
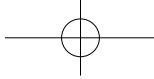
③ Click [OK].

The print job of the Metallic Color Chart is added to the job list.



Click .

Printing will be started.



Chapter 4

Advanced

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4-1 Performing Metallic Texture Printing: Equipped with Silver

What is Metallic Texture Printing?

Metallic texture printing is defined as the method of producing texture patterns with metallic silver ink. This uses the texture patterns provided by "Metallic Texture System Library" to create and output print data. This document describes the method of the texture printing that uses metallic silver ink.

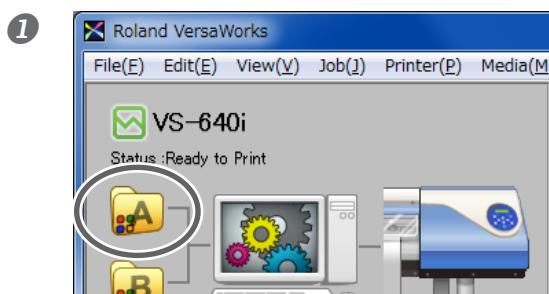
- * Create the printing data using the Adobe Illustrator version of CS or later if using Adobe Illustrator. If you use the earlier version before Adobe Illustrator 10 to create the printing data, the texture patterns may result in poor condition.

Printing a Metallic Texture Chart

The chart that works as print sample of metallic texture is provided. Printing the chart allows you to check the "complete metallic texture chart" showing the metallic texture patterns available with printing in the combination of "Your Printer" and "Your Media." (Depending on the conditions of the printer and media, there is a slight difference in pattern.) By creating print data with the texture pattern you select in this chart, you can print your intended pattern almost perfectly.

- * To print a chart, use the same media as the one actually going to be used.

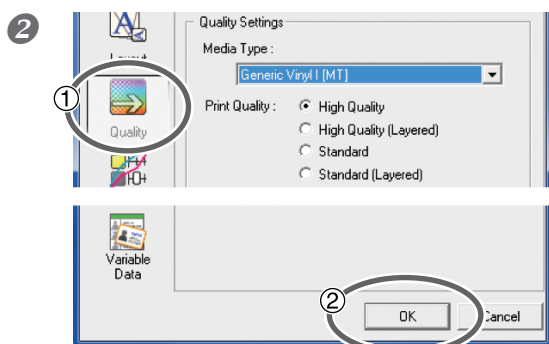
Procedure



Double-click .

"Queue A Properties" window appears.

- * Metallic texture chart output is available with Queue A only.



① Click , configure the settings in [Quality Settings] and [Color Management].

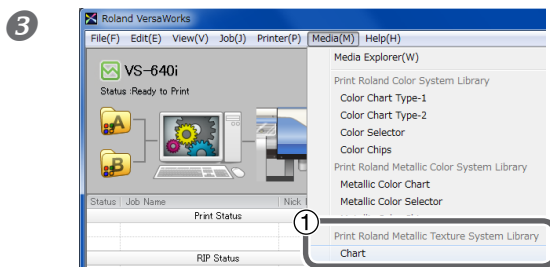
* For details on settings, refer to the followings.

- ☞ P. 24, "3-2 Print Job Setting : Equipped with White & Silver"
- ☞ P. 41, "3-3 Print Job Setting : Equipped with Silver Only"

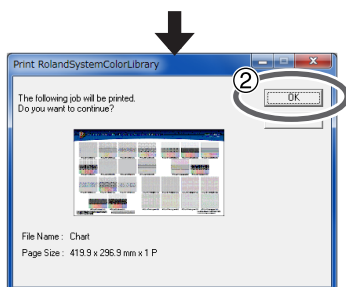
② Click [OK].

Note: When printing a metallic texture chart, the [Quality] settings from the [Queue Properties] window are always applied. Since you cannot change the quality settings for the job using the [Job Settings] window after it has been added, be sure to configure the settings in the [Queue Properties] window before performing the following operations.

4-1 Performing Metallic Texture Printing: Equipped with Silver



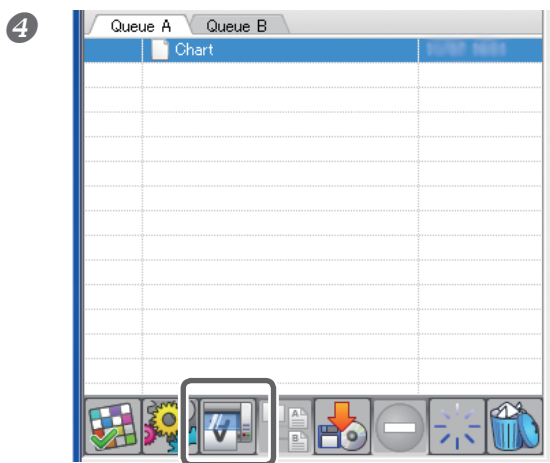
① Click [Chart] under [Print Roland Texture System Library] form the [Media] menu.



This message appears: The following job will be printed. Do you want to continue? Check that the media in the printer is large enough for the displayed page size.

② Click [OK].

The metallic texture chart is added to the job list.



Click

Rip'ing and printing the metallic texture chart are performed.

* In the metallic texture chart, color is added to part of the background of the texture. This makes the design of the texture clear.

* Using the printed chart, specify your desired texture pattern in accordance with Procedure 2. in P. 58, "Create The Metallic Texture Printing Data".

Create The Metallic Texture Printing Data

To create the data for the metallic texture printing, please follow the instructions below.

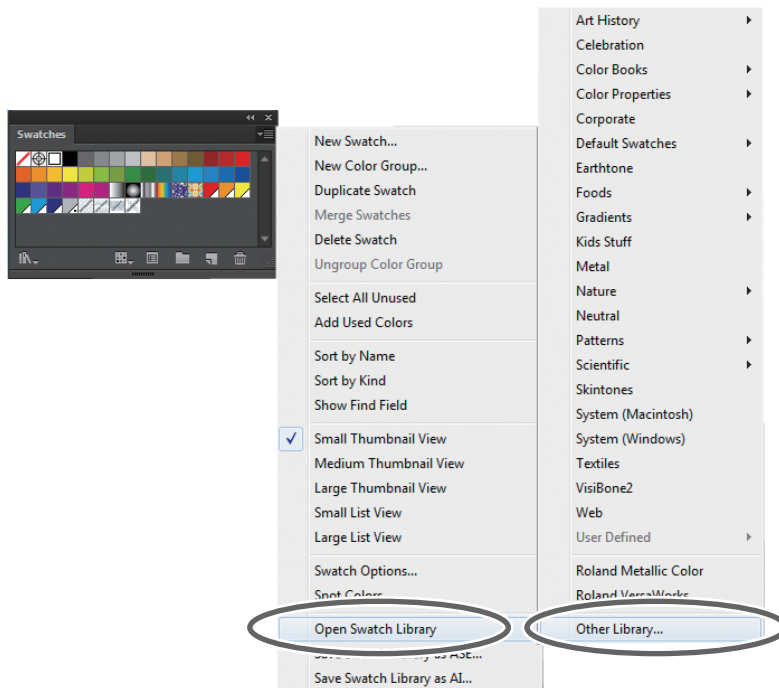
The program used to create the printing data is Adobe Illustrator CS6. For detailed information on drawing methods and how to work with palettes, refer to the documentation or online help for Adobe Illustrator CS6. If you're using another version of Adobe Illustrator, operations may be somewhat different from those explained here.

1. Open the exclusive library.

1 At the swatch palette menu, select [Open Swatch Library], then [Other Libraries].

The "Select Library" window appears.

* The swatch palette is displayed by going to the menu and selecting [Window], then [Swatch].



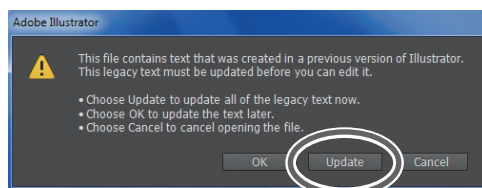
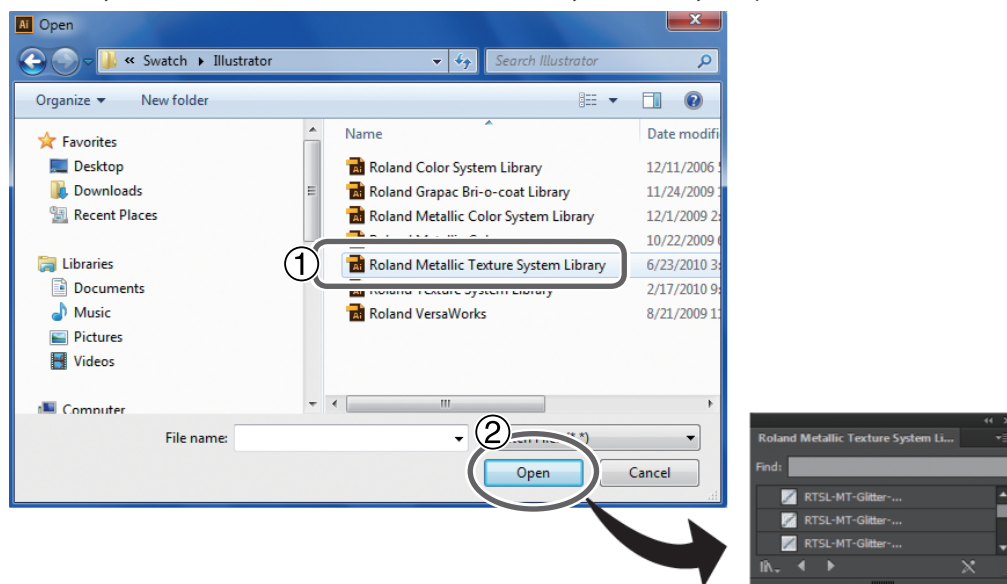
4-1 Performing Metallic Texture Printing: Equipped with Silver

- ② ① Open folder in the order of [Computer] (or [My Computer]) → [Local Disk (C:)] → [Program Files] → [Roland VersaWorks] → [Swatch] → [Illustrator], and then select Roland Metallic Texture System Library.ai.

Depending on the settings of your computer, the extension ".ai" might not be shown.

- ② Click [Open].

The library for metallic texture "Roland Metallic Texture System Library" is opened.



When this screen is displayed, click "Update."

Tips!

By saving the ".ai" file selected in step ② into the folder below, you can register each swatch library to the Adobe Illustrator's library. Once the registration is performed, you can open the library directly from the swatch palette menu, eliminating the need to search the file every time you start Adobe Illustrator.

C:\Program Files\Adobe\Adobe Illustrator CS6\Presets\(\language abbreviation)\Swatches

* "C" is the name of your computer's local disk.

*The language abbreviation differs depending on the language used.

*Depending on the Illustrator used, "\Preset\Swatch" may be used instead of "\Presets\(\language abbreviation)\Swatch" is "\Preset\Swatch."

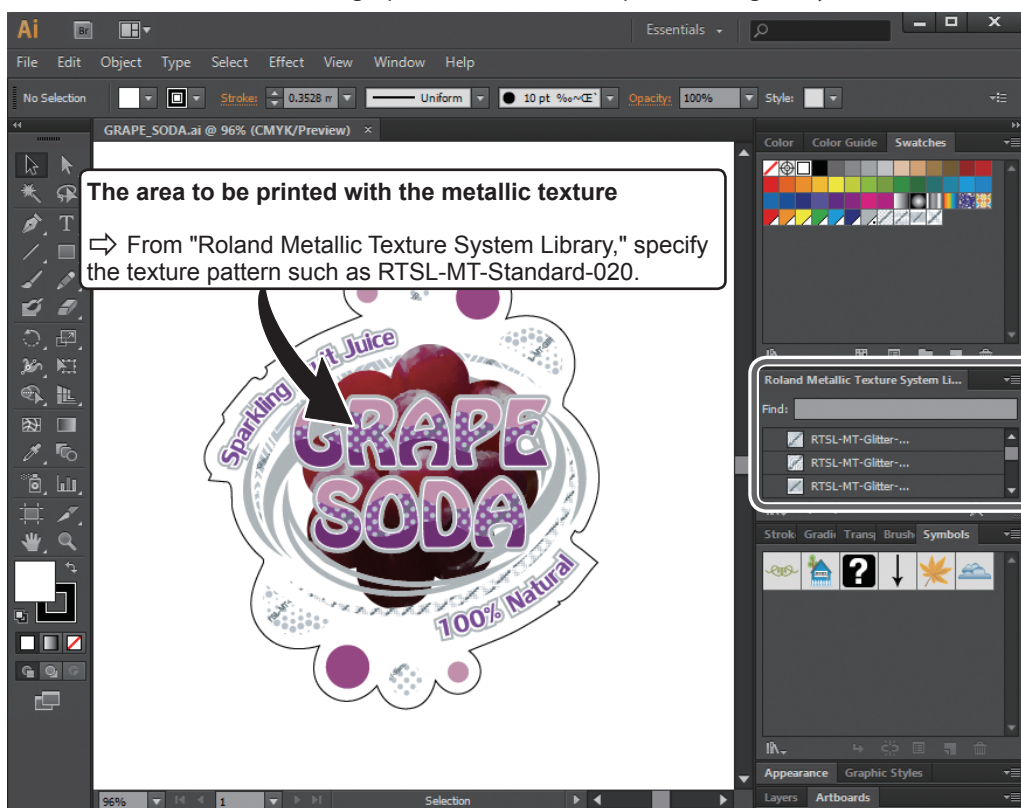
2. Create illustrations and specify texture patterns you wish to use

1 Create the illustration.

Be sure to draw the illustration in the CMYK mode.

2 Assign the desired texture patterns to the areas for the metallic texture printing.

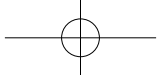
Using the chart printed in P. 56, "Printing a Metallic Texture Chart", check the texture patterns and specify a desired one. As there is a slight difference in color and pattern according to media, be sure to check colors and patterns in the chart printed on the media same as the one that you are actually going to use. The areas where the texture patterns are assigned shall be printed with metallic silver ink. When the metallic silver ink is to be used for the printings other than the texture printing, other special spot colors shall be used. For the detailed usage, please refer to P. 9, "Chapter 2 Getting Ready".



* The name of the texture pattern is displayed on the data of Illustrator. The texture of the displayed image appears rougher than that of the actual print.

3. Create the PS (PostScript) file.

Create a PS file as referring to the steps of the procedure 3. in "Creating Data for Printing" in pages 15 to 17.



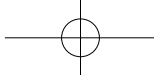
4-1 Performing Metallic Texture Printing: Equipped with Silver

Performing Metallic Texture Printing

Procedure

- 1 Prepare the printing data having been created in the previous process which is described in P. 58, "Create The Metallic Texture Printing Data".**
- 2 Make the setting to output metallic silver ink with the VersaWorks, and execute the printing.**

To use the metallic silver ink, you need to select "CMYKLcLmMt", etc. in the print mode of VersaWorks. For the detailed method of setting, please refer to P. 21, "Chapter 3 Printing."



4-2 Maintenance

Message for Ink Circulation

With this machine, white ink and metallic silver ink are circulated periodically to prevent the ink precipitation. When the following message appears, please wait until the display changes.

[CIRCULATING INK]

In order to allow the automatic maintenance such as above to be performed, please observe the items below.

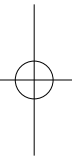
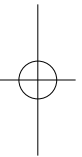
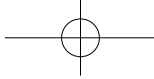
- Leave the main power on at all times.
- Never leave the front cover open for long periods.
- After making the settings for the various menu items, go back to the top screen.

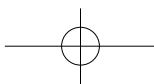
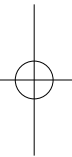
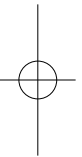
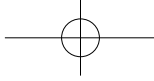
When Dot Drop-out Etc. Cannot be Corrected

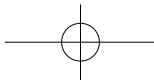
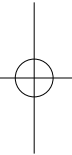
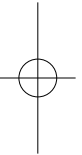
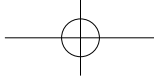
When using metallic silver ink and white ink, ink discharge may become unstable (resulting in dot drop-out, etc.) if the machine is left unattended for a long period. This is due to the properties of metallic silver ink and white ink containing ingredients which tend to settle and separate, which will cause the precipitated ingredients to solidify when the machine is left unattended for a long period. In such cases, perform "ink renewal" menu. For information on how to operate the "ink renewal" menu, refer to the User's Manual.

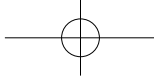
☞ "User's Manual" ("When Problems Such As Dot Drop-out are not cleared up")

If the problems, such as dot drop-out, cannot be corrected even after performing cleaning above, then contact your authorized Roland DG Corp. dealer.









 **Roland**



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